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# HOSEA WATERER'S SEED CATALOGUE



1921

HOSEA WATERER  
SEEDSMAN AND BULB IMPORTER  
107-109 SOUTH SEVENTH STREET  
PHILADELPHIA



# ANNUAL CATALOGUE

of

## SEEDS, PLANTS, BULBS GARDEN TOOLS FERTILIZERS, INSECTICIDES

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To enable us to execute orders more promptly and to the complete satisfaction of our customers, we offer the following suggestions and information:

**Order Early.**—We endeavor to ship all orders immediately on receipt, but during the rush season it is almost impossible, hence, the importance of ordering early.

**Name and Address.**—Please write on each order your Name, Post Office, Shipping Point or nearest Express Office, your County and State. Use the order sheet enclosed in catalogue if possible.

**Prices.**—It is our endeavor to maintain the prices quoted in this catalogue throughout the season, but in the event of unforeseen circumstances arising, we reserve the right to change the price of any article (in this catalogue) without notice.

**Forwarding.**—We prepay postage to any post office in the United States, on vegetable and flower seeds quoted by the packet, ounce and quarter pound. All other goods are sent by express or freight at purchaser's expense. We make no charge for delivery to freight depots or express offices in Philadelphia.

**Non-Warranty.**—Hosea Waterer gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

### PARCEL POST RATES

**Weight Limit.**—The weight limit within the first, second and third zones is now 70 pounds, and within all other zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by express beyond the second zone.

### DOMESTIC PARCEL POST RATES

Within the United States and Possessions

		<i>First pound or fraction</i>	<i>Each additional pound or fraction</i>
First	zone within 50 miles of Philadelphia.....	5c.	1c.
Second	zone within 50-150 miles of Philadelphia.....	5c.	1c.
Third	zone within 150-300 miles of Philadelphia.....	6c.	2c.
Fourth	zone within 300-600 miles of Philadelphia.....	7c.	4c.
Fifth	zone within 600-1000 miles of Philadelphia.....	8c.	6c.
Sixth	zone within 1000-1400 miles of Philadelphia.....	9c.	8c.
Seventh	zone within 1400-1800 miles of Philadelphia.....	11c.	10c.
Eighth	zone all over 1800 miles of Philadelphia.....	12c.	12c.

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Should you want to purchase anything needed in the garden, greenhouse or farm not listed in this catalogue, we will gladly fill your order at the lowest market price, or quote prices if desired.

## HOSEA WATERER

SEEDSMAN

BELL PHONE,  
WALNUT 1243

KEYSTONE PHONE  
MAIN 1545

107-109 SOUTH SEVENTH STREET

PHILADELPHIA, PA.

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## Planting Table

VEGETABLE	Quantity required for 100 ft. of row	Distance apart		Depth of Planting	No. of Days Required to Germinate	Time Required for Maturity from Date Sown
		Rows	In the row			
Asparagus, seed.....	2 ozs.	1 ft.	3 in.	1 in.	20-28	3 to 4 yrs.
Asparagus, roots.....	66 plants	3 ft.	1½ ft.	6 in.	.....	1 to 3 yrs.
Beans, Bush.....	2 lbs.	2 ft.	2 in.	2 in.	6-10	45-65 days
Beans, Bush Lima.....	2 lbs.	2 ft.	6 in.	2 in. eye down	6-10	70-80 "
Beans, Pole Lima.....	1 lb. to 50 poles	Hills 3 ft. ap't	4-5 in. in hill	2 in. eye down	6-10	85-90 "
Beet.....	2 ozs.	1 ft.	3-4 in.	1 in.	7-10	60-80 "
Brussels Sprouts.....	½ oz.	2-3 ft.	1½ ft.	½ in.	5-10	100-120 "
Cabbage, Early.....	½ oz.	2 ft.	1½ ft.	½ in.	5-10	100-120 "
Cabbage, Late.....	½ oz.	2½ ft.	2 ft.	½ in.	5-10	120-150 "
Carrot.....	1 oz.	1 ft.	2-3 in.	½ in.	10-15	70-100 "
Cauliflower, Early.....	¼ oz.	2-3 ft.	2 ft.	½ in.	5-10	100-115 "
Cauliflower, Late.....	¼ oz.	2-3 ft.	2 ft.	½ in.	5-10	120-130 "
Celery.....	1 oz.	3 ft.	6 in.	½ in.	12-20	120-150 "
Corn, Sweet.....	½ lb.	Hills 3 ft. ap't	3 plants to hill	½ in.	6-10	70-100 "
Cucumber.....	1 oz.	4 ft.	Hills 4 ft. ap't	1 in.	6-10	60-85 "
Egg Plant.....	¼ oz.	3 ft.	2 ft.	½ in.	10-14	125-140 "
Endive.....	1 oz.	1-1½ ft.	12 in.	½ in.	6-10	60-75 "
Kale.....	1 oz.	2 ft.	1-1½ ft.	½ in.	5-10	90-120 "
Kohl Rabi.....	1 oz.	1½ ft.	8 in.	½ in.	6-8	60-75 "
Leek.....	1 oz.	1 ft.	6 in.	½ in.	6-10	120-150 "
Lettuce.....	1 oz.	1½ ft.	8-12 in.	½ in.	6-10	60-80 "
Melon, Musk.....	½ oz.	5 ft.	Hills 5 ft. ap't	½ in.	6-10	100-120 "
Melon, Water.....	1 oz.	Hills 8 ft. ap't	8 ft.	1 in.	8-12	100-125 "
Onion.....	1 oz.	12 in.	2-3 in.	½ in.	6-10	130-150 "
Okra.....	2 ozs.	3 ft.	10 in.	1 in.	6-10	75-90 "
Parsley.....	1 oz.	1 ft.	3-4 in.	½ in.	18-24	85-100 "
Parsnip.....	1 oz.	1-2 ft.	4 in.	½ in.	12-18	100-125 "
Pepper.....	½ oz.	2 ft.	1½ ft.	½ in.	10-14	125-150 "
Peas.....	2 lbs.	2-4 ft., according to height	1 in.	2 in.	6-10	50-75 "
Potato.....	10 lbs.	3 ft.	15-18 in.	4 in.	15-25	75-120 "
Pumpkin.....	1 oz.	Hills 8-10 ft. ap't	8-10 ft.	1 in.	6-10	100-125 "
Radish.....	1 oz.	1 ft.	1-2 in.	½ in.	3-5	30-40 "
Ruta Baga.....	1 oz.	2-3 ft.	8 in.	½ in.	4-8	90-100 "
Salsify.....	2 ozs.	15 in.	3-4 in.	1 in.	7-12	120-150 "
Spinach.....	1 oz.	1-1½ ft.	1-3 ft.	½ in.	6-12	50-65 "
Spinach, New Zealand.....	1 oz.	2 ft.	Hills 2 ft. ap't	1 in.	7-12	60-70 "
Squash, Bush.....	½ oz.	Hills 3 ft. ap't	Hills 3 ft. ap't	1 in.	6-10	60-75 "
Squash, Running.....	½ oz.	Hills 6 ft. ap't	Hills 6 ft. ap't	1 in.	6-10	100-125 "
Swiss Chard.....	2 ozs.	1½ ft.	6 in.	1 in.	7-10	60-80 "
Tomato.....	35 plants	4 ft.	4 ft.	½ in.	6-10	125-150 "
Turnip.....	1 oz.	1-1½ ft.	4-6 in.	½ in.	4-8	60-80 "

## Planting Calendar

<b>FEBRUARY</b> (In hotbed)	Asparagus Roots Beets Early Cabbage Carrot Early Cauliflower Celery Egg Plant Leek Onion Parsley Pepper Radish Tomato	Cauliflower Celery Sweet Corn Cucumber Late Cabbage Late Cauliflower Endive Kale Kohl Rabi Lettuce Mustard Onion Seed Onion Sets Parsnips Peas Potato Radish Rhubarb Roots Spinach Swiss Chard Salsify Turnip	Beets Brussels Sprouts Late Cabbage Carrot Late Cauliflower Sweet Corn Cucumber Endive Kale Kohl Rabi Lettuce Melon Onion Parsley Peas Pumpkin Radish Salsify Spinach Squash Swiss Chard Herbs Okra Pumpkin Brussels Sprouts Turnip	Okra Pumpkin Radish Squash Turnip Ruta Baga
<b>MARCH</b> (In hotbed)	All seeds mentioned in February table and Kohl Rabi Lettuce Early Beets	Set out plants of Early Cabbage Early Lettuce Early Cauliflower Early Beets Onion	Set out plants of Early Cabbage Lettuce Early Cauliflower Egg Plant Peppers Tomato	Set out plants of Celery Egg Plant Peppers Tomato
<b>APRIL</b> (In hotbed)	All seeds mentioned in February and March tables also Cucumber Melon	<b>MAY</b> (Plant outdoors)	<b>JUNE</b> (Plant outdoors)	<b>JULY</b> (Plant outdoors)
		Artichoke Asparagus Bush Beans Lima Beans Beets Carrot	Bush Beans Lima Beans	Beets Carrot Sweet Corn Corn Salad Cress Cucumber Endive Kohl Rabi
				Corn Salad Radish Spinach
		(Plant outdoors)		
		Asparagus		



# Waterer's Reliable Vegetable Seeds



## ARTICHOKE

**Culture.** Sow seed in hotbed in February or March, in rows six inches apart. Transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press firmly in the ground, but not plant too deep.

**Large Globe or Paris.** The best of all Artichokes. Pkt. 15c.;  $\frac{1}{4}$  oz. 25c.; oz. 75c.

**Jerusalem Artichoke.** Distinct from the Globe, and propagated by and for its tubers. Largely used for feeding stock.....1 qt. 30c.; peck \$1.50; bush. \$5.00.

## ASPARAGUS SEED

1 oz. to 50 ft. of drill; 4 to 5 lbs. per acre

**Culture.** Sow the seed as early in spring as the soil can be worked, in drills 12 inches apart, and when well started thin out to three inches apart. When one or two years old, transplant into permanent beds, which should be well and deeply manured and trenched to a depth of 18 inches. Set the plants in rows three feet apart, and not less than 18 inches apart in the row. Care should be taken that the roots are well spread, and set at a depth of six inches below the level of the bed. Cover only two or three inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down apply a dressing of coarse manure, and in the spring fork it in. An occasional top dressing of salt at the rate of one-half pound per square yard is also beneficial.

**Conover's Colossal.** The standard variety, large and very prolific..Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.00.

**Argenteuil.** This variety is largely grown in France for the Paris market....Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.

**Palmetto or Eclipse.** An early prolific and very desirable variety..Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.00.

**Barr's Mammoth.** A quick grower with very large stalks.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.00.

**Columbian Mammoth White.** Large, white stalks. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 30c.; lb. \$1.00.



## ASPARAGUS ROOTS

*It requires 100 plants for a single row of 150 feet.*

A saving of two years may be effected by planting roots. Set out in early spring or late in autumn.

	2-Year-Old Roots		
	Doz.	100	1000
Barr's Mammoth .....		\$0.30	\$1.25
Conover's Colossal .....	.30	1.25	10.00
Argenteuil .....	.30	1.25	10.00
Palmetto or Eclipse .....	.30	1.25	10.00

## BROCCOLI

Requires the same treatment as cauliflower. The heads are tender, white and of delicate flavor.

**Large White French.** Heads white, very compact and hard.....Pkt. 10c.; oz. 75c.

## BRUSSELS SPROUTS

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost.

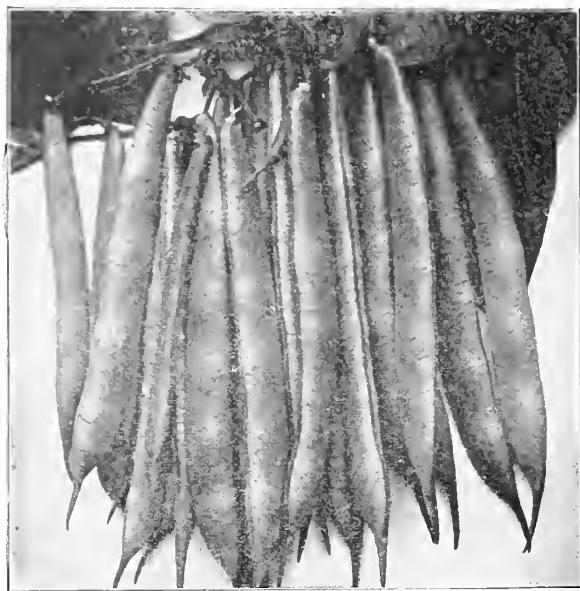
**Long Island Half Dwarf.** Produces compact sprouts of finest quality; a good keeper.....Pkt. 10c.; oz. 40c.

“Exhibition.” Produces an abundant crop of large, solid sprouts, delicious in flavor, which come early to midsummer.....Pkt. 10c.; oz. 50c.

**Matchless.** An excellent variety for general use. The plants are robust, very hardy, and the stems are covered with compact globular sprouts of excellent flavor. Pkt. 10c.; oz. 50c.



BRUSSELS SPROUTS



EARLY BOUNTIFUL BEAN

## BEANS

Beans should not be planted too early, as they are very sensitive to cold and wet. Plant about the middle of April, when warm and favorable, and at intervals throughout the season for a succession until the latter part of August. Bush varieties should be planted in rows 2 feet apart, and the beans 2 inches apart and 2 inches deep in the rows. Keep them well cultivated and draw the earth up to the stem, but only when dry.

## DWARF GREEN-PODDED BEANS

One pound will plant about 50 feet of drill

**Bountiful.** This one is the best of the flat-podded, stringless varieties. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous, hardy and a heavy yielder. ½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Extra-Early Red Valentine.** This is the earliest of all green bush beans. The pods are round, slightly curved, very meaty, pale green in color and semi-transparent. The plants bear abundantly and the beans remain fit for use a long time.

½ lb. 20c.; lb. 30c.; 5 lbs. \$1.40; 10 lbs. \$2.70.

**Longfellow.** A very excellent variety of French origin. Pods dark green, 5½ to 6½ inches long, very slender, straight and round; tender, fine grained, good quality and attractive. Makes an excellent canning sort.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Stringless Green-Pod.** This bean is very early, productive, hardy and vigorous. The pods average about 5 inches in length, straight, stout, round, crease-backed, and of a dark-green color. They are tender, brittle, of the finest flavor and quality and strictly stringless.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Giant Stringless Green Pod.** Somewhat similar to stringless, but pod is a little longer, straighter and more slender and slightly lighter in color; early, hardy and of highest quality.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Triumph of the Frames.** The earliest of the French forcing varieties, producing an abundant crop of long, finely shaped pods, flesh thick and very tender when young..... Lb. 75c.

## DWARF GREEN-PODDED BEANS—

(Continued)

**Canadian Wonder.** The finest forcing bean. A great favorite both for table and exhibition. Produces an abundance of very long fleshy pods of superb quality. Lb. 75c.

**Full Measure.** A second early round-podded stringless variety of recent introduction. The pods are good length, bright green in color and entirely stringless. Very prolific and of excellent quality.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Black Valentine.** Very popular on account of its extreme hardiness and earliness. The pods are long, smooth, straight, round and of a bright-green color.

½ lb. 20c.; lb. 30c.; 5 lbs. \$1.40; 10 lbs. \$2.70.

**Refugee, Extra Early.** A very hardy, early and productive type of Refugee. Pods 4 to 5 inches long, uniform, round and slightly crease-backed, brittle and fine grained; quality good; color light green.

½ lb. 20c.; lb. 30c.; 5 lbs. \$1.40; 10 lbs. \$2.70.

**Early Mohawk.** Noted for its hardiness. Early, vigorous and productive. Snap pods 5 to 5½ inches long, very straight and flat.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

## DWARF BEANS FOR SHELLING

(Winter Use)

**Boston Small Pea Bean.** Commonly known as the Boston or Navy Bean. While the pods can be used like those of every other string bean, they are not so tender and this sort is cultivated principally for shelling. Fine for baking.

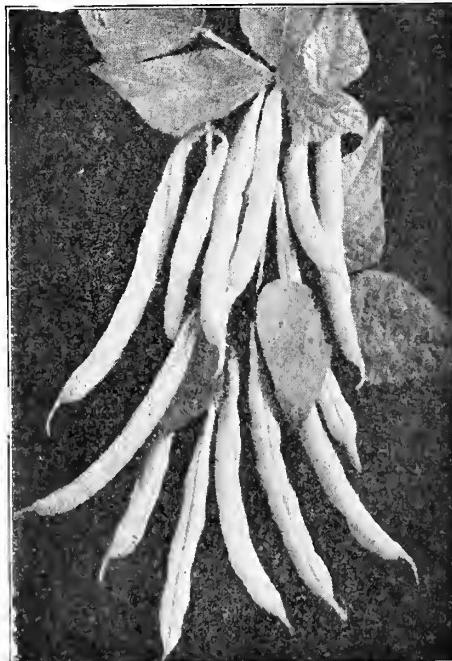
½ lb. 20c.; lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.40.

**Large White Marrow.** Large, oval-shaped, white beans, grown like the Boston bean as a field crop for baking. The dried beans are larger than the Boston, pure white and very meaty.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.90.

**Red Kidney.** Fine variety for baking.

½ lb. 20c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.40.



EXTRA-EARLY RED VALENTINE BEAN

## DWARF WAX, OR YELLOW-PODDED BEANS

**Wardwell's Kidney Wax.** The plants grow about 15 inches high; vigorous and very productive. The pods are straight, almost flat and from  $5\frac{1}{2}$  to 6 inches long. They are fleshy, brittle, fine-grained, stringless, and of a rich golden yellow color, and are of good quality and very attractive.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.60; 10 lbs. \$3.25.

**Improved Rust-Proof Golden Wax.** A strong grower; free from rust. Pods meaty and well filled, semi-round, rich yellow, fine quality; entirely stringless.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.60; 10 lbs. \$3.25.

**Pencil-Pod Black Wax.** Long, light golden-yellow pods, very tender and brittle.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.60; 10 lbs. \$3.25.

**Stringless Refugee Wax.** The pods are round, pencil-like, and are always stringless. The color is a rich golden yellow, and the quality is excellent.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.60; 10 lbs. \$3.25.

**Currie's Rust-Proof Wax.** Early and productive. The pods grow long, flat, are very tender, and of the finest quality... $\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.60; 10 lbs. \$3.25.

**Burpee's New Kidney Wax.** Long, handsome pods which are remarkable for their meatiness, fine flavor, brittleness and freedom from strings.

$\frac{1}{2}$  lb. 25c.; lb. 40c.; 5 lbs. \$1.85; 10 lbs. \$3.50.

**Sure-Crop Wax.** A stringless dwarf wax bean, very tender and excellent quality.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.85; 10 lbs. \$3.50.

## BUSH LIMA BEANS

One pound will plant 50 feet of row.

These varieties are of true bush or dwarf form, growing but 18 to 20 inches high, without supports. About two weeks earlier than the pole lima beans. Sure croppers. Abundant bearers until frost. Plant in rows two feet apart, dropping the seeds about six inches apart in the row, and cover two inches.

**Fordhook Bush Lima.** The Fordhook is entirely distinct in habit of growth. The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use as early as the popular Burpee's bush lima, but the beans are much plumper and remain green much longer. The green beans are thick and meaty and are closely packed in the pods, which shell very easily. Pods are borne in clusters of from 4 to 6, average 4 to 5 inches long and contain usually 4 tender beans of a delightful flavor....Pkt. 15c.;  $\frac{1}{2}$  lb. 30c.; lb. 55c.; 5 lbs. \$2.60.

**The Burpee Improved Bush Lima.** This improved variety differs from the original "Burpee's Bush Lima" in having much larger pods, producing more beans, while both pods and beans are not only larger in size but also considerably thicker. The pods measure 5 to 6 inches long, and even when of full size the enormous beans are of the most luscious flavor.

Pkt. 15c.;  $\frac{1}{2}$  lb. 30c.; lb. 55c.; 5 lbs. \$2.60.

**Burpee's Bush Lima.** A bush form of the true large White Lima. Plants uniformly dwarf and enormously productive..... $\frac{1}{2}$  lb. 30c.; lb. 50c.; 5 lbs. \$2.35.

**Dreer's Bush Lima, or Kumerle.** An excellent large-seeded variety. Pods thick and large, each containing 3 to 5 thick beans of the best quality.

Pkt. 15c.;  $\frac{1}{2}$  lb. 30c.; lb. 55c.; 5 lbs. \$2.60.

**Dreer's Wonder Bush Lima.** The plants are upright and compact in growth, and are completely covered with large pods..... $\frac{1}{2}$  lb. 30c.; lb. 50c.; 5 lbs. \$2.35.

**Henderson's Bush Lima.** A dwarf form of the Sieva lima, valuable for its earliness.

$\frac{1}{2}$  lb. 25c.; lb. 45c.; 5 lbs. \$2.10.



WARDWELL'S KIDNEY WAX BEAN

## BEANS, POLE OR RUNNING

These beans need poles for support. Later than bush beans, they are more productive.

**Kentucky Wonder, or Old Homestead.** Long flat green pods, 7 to 9 inches in length, fleshy and stringless. Heavy yielder... $\frac{1}{2}$  lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

**Lazy Wife's.** The dry beans are excellent for winter use..... $\frac{1}{2}$  lb. 30c.; lb. 55c.

**White Dutch Case-Knife.** Good as a shell bean, either green or dry. One of the earliest and very productive.

$\frac{1}{2}$  lb. 30c.; lb. 55c.

**White Creaseback, or Best of All.** Early green podded variety, productive and of fine quality.

$\frac{1}{2}$  lb. 2 c.; lb. 35c.

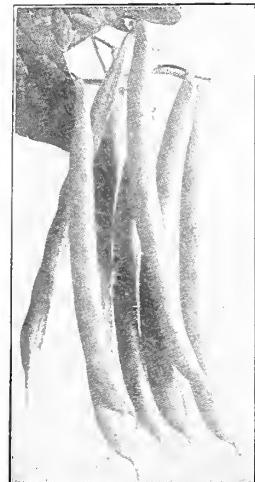
**Scarlet Runner.** A favorite, both for its quality as a snap bean and also for its flowers, which are a bright scarlet.

Pkt. 10c.;  $\frac{1}{2}$  lb. 30c.; lb. 50c.

**Early Golden Cluster Wax.** An early sort, producing an abundance of bright golden-yellow pods, which are thick, fleshy and tender.

$\frac{1}{2}$  lb. 25c.; lb. 40c.

**Kentucky Wonder Wax.** Similar to the Kentucky Wonder or Homestead Green Pod, except in the color of pods, which in this one are light waxy yellow. It has a thick, broad pod, very tender, of delicious flavor and stringless. The pods often attain a length of 8 to 9 inches... $\frac{1}{2}$  lb. 25c.; lb. 40c.



KENTUCKY WONDER BEAN

## POLE LIMA BEANS

One pound will plant about 50 hills

These require poles 8 to 10 feet long. Plant in hills 3 to 4 feet apart each way, and 2 inches deep, allowing four to six seeds to each hill. When the plants are well established they should be thinned out to three. They are more sensitive to cold than the bush beans, and should not be planted before the middle of May.

**Carpinteria.** A very fine, vigorous, strong-growing lima. Very productive, and the beans, usually four to the pod, are much larger and thicker than ordinary limas. Seed retains its distinctively green tinge.

½ lb. 30c.; lb. 50c.; 5 lbs.  
\$2.35.

**King of the Garden Lima.** A vigorous and productive sort, pods very long; each contains 5 to 6 large beans of delicious flavor.

½ lb. 30c.; lb. 50c.; 5 lbs.  
\$2.35.

**Early Leviathan Lima.** The earliest large pole lima, with long, broad pods, containing 5 to 6 beans of unexcelled quality; remarkably productive.

½ lb. 30c.; lb. 50c.; 5 lbs.  
\$2.35.

**Early Jersey Lima.** This variety matures a few days earlier than the King of the Garden. Pods contain three and four large beans each.

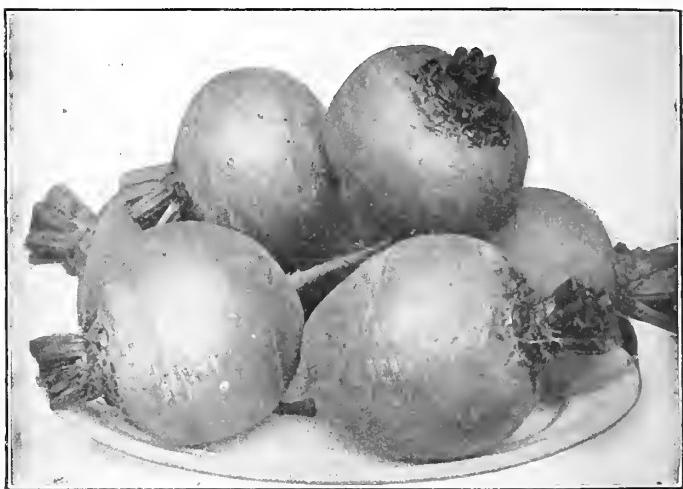
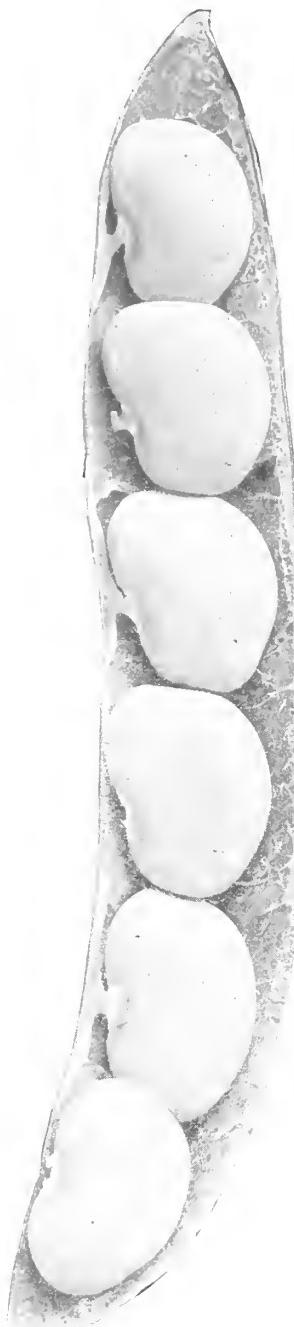
½ lb. 30c.; lb. 50c.; 5 lbs.  
\$2.35.

**Dreer's Improved, or Challenger Lima.** The vines of this variety are vigorous and productive, the pods thick and contain four to five beans of excellent quality.

½ lb. 30c.; lb. 50c.; 5 lbs.  
\$2.35.

**Small Lima, or Sieva.** Very productive. Beans small, good quality.

½ lb. 25c.; lb. 40c.; 5 lbs.  
\$1.75.



CRIMSON GLOBE BEET

## BEETS, TABLE VARIETIES

One ounce will sow 50 feet of drill. Five to six pounds for an acre.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin out to 3 or 4 inches apart in rows; continue for a succession as late as the middle of July.

**Crimson Globe.** This fine variety is of medium size and perfect globe shape, and is produced very uniformly, with smooth skin, small tops and a rich dark blood-red color, slightly zoned. It is very tender and sweet. . . . . Pkt. 10c.; oz. 15c.; ¼ lb. 50c.; lb. \$1.50.

**Crosby's Egyptian.** A carefully selected strain of Egyptian, as early as the original, but larger, thicker, smoother, and of better quality. Flesh deep, blood-red. It is a rapid grower, attaining a usable size quicker than almost any other variety, and does not become woody with age. Profitable in almost any soil and extremely satisfactory for the small gardener as well as for the market.

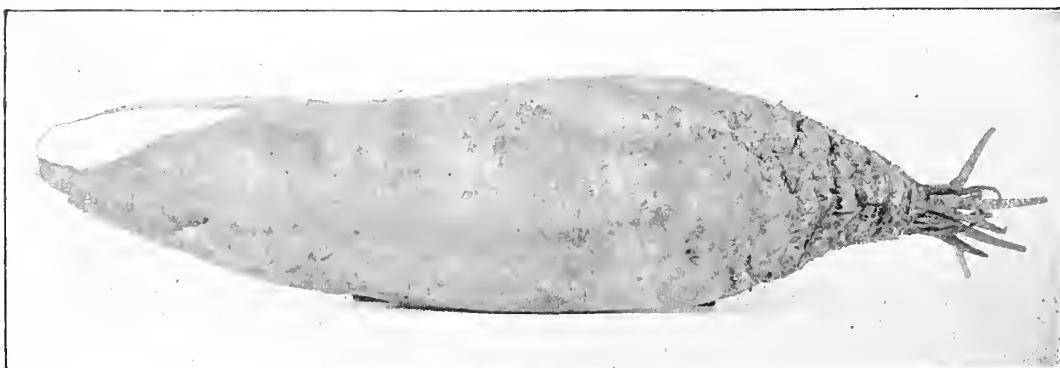
Pkt. 10c.; oz. 15c.; ¼ lb. 50c.; lb. \$1.50.

**Detroit Dark Red.** This superb variety is one of the most popular red turnip beets, not only for market gardeners, but for home use. It is also one of the best for canning. Top small, upright growing, so that the rows may be close together; leaf stem and veins dark red, blade green; root globular and very smooth; color of skin dark blood red; flesh deep, bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time.

Pkt. 10c.; oz. 15c.; ¼ lb. 50c.; lb. \$1.50.

**Edmand's Blood Turnip.** One of the best to follow the extra-early sorts and for a late planting.

Pkt. 10c.; oz. 15c.; ¼ lb. 40c.; lb. \$1.25.



MANGEL-WURZEL—MAMMOTH LONG RED

BEETS, TABLE VARIETIES—(Continued)

**Bastian's Early Blood Turnip.** Tops small; roots turnip shaped; flesh tender, blood-red color. An extra-good medium early variety.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.30.

**Early Eclipse.** This variety is exceedingly popular, and is one of the best early sorts. The tops are small, admitting of close planting, and the roots are globular in shape. Flesh fine-grained, very sweet; dark red, zoned with a lighter shade.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.30.

**Early Model Red Globe.** This variety is an excellent selection of blood-red beet, being extremely smooth and of fine color and perfect globe shape; flesh remarkably sweet and tender.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.30.

**Early Bassano.** A very early flat variety; flesh white and rose-colored; very sweet.

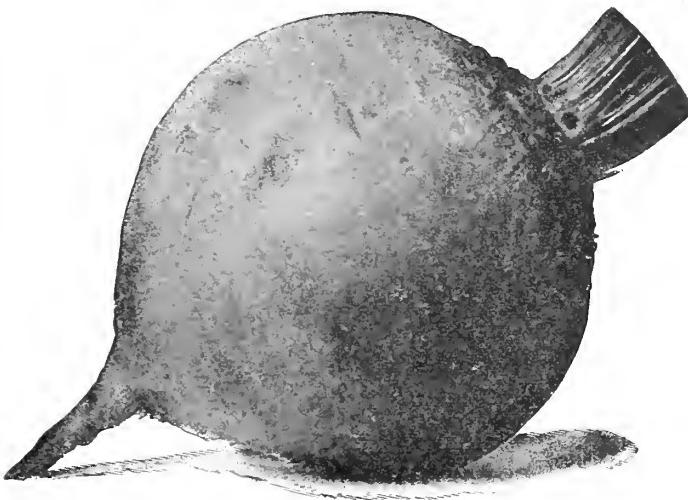
Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.30.

**Half-Long Blood.** Of bright color and excellent quality. For winter use sow early in July.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.30.

**Long Dark Blood.** A good late variety for fall and winter use, sweet and tender.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.30.



DETROIT DARK RED BEET

MANGEL-WURZEL AND SUGAR BEET

Used for feeding stock. Sow in May or June, in rows 3 feet apart, and thin to 8 inches in the row. One ounce will sow 50 feet of drill, 6 pounds per acre.

**Mammoth Prize Long Red.** The largest and heaviest cropper of all the Mangels. Dark red skin, with whitish flesh.....Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 65c.

**Golden Tankard.** An enormous yielder of weight per acre, and at the same time very nutritious. Flesh deep yellow.....Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 65c.

**Prizetaker Yellow Globe.** Roots globe shaped, from 6 to 8 inches in diameter. Skin rich orange-yellow; flesh white, sweet and solid.

Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 65c.

**Golden Giant, or Yellow Leviathan.** Very fine, large roots. Skin a rich golden-yellow; flesh white, firm and sweet.....Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 65c.

**Improved White Sugar Beet.** Does not grow quite so large as the Mangels, but is much sweeter and unsurpassed as a feed for milch cows, greatly improving the quality and yield of the milk.

Oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 65c.

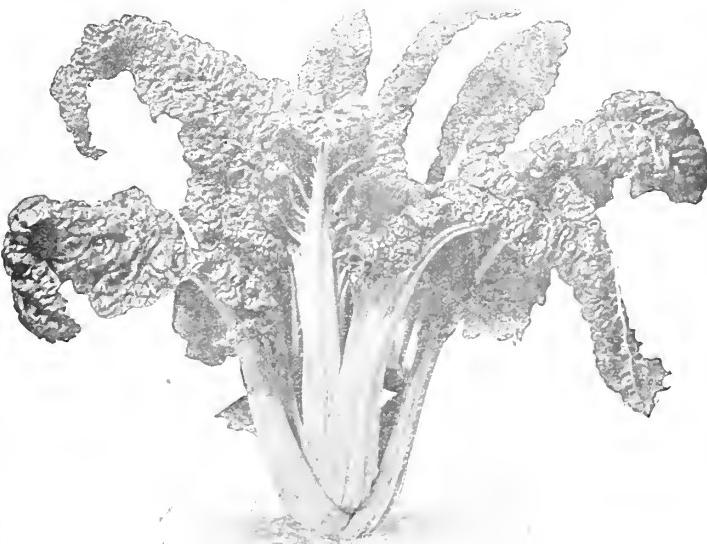


CROSBY'S EGYPTIAN BEET

SWISS CHARD, OR SPINACH BEET

One ounce will sow 50 feet of row

**Swiss Chard, Giant Lucullus.** Swiss Chard is used extensively either as greens or in the same manner as asparagus, when only the rib is eaten. It may also be cooked and eaten like spinach. Seed may be sown in April or May, in drills eighteen inches apart and an inch and a half deep. Thin the plants to 6 inches apart and cultivate the same as for the common red beet. The outer leaves should either be cut off close to the base of the plant or pulled off when young, and may be picked continuously from June until frost, for when the leaves are cut others take their places very rapidly.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.35.



SWISS CHARD, GIANT LUCULLUS



COPENHAGEN MARKET CABBAGE

### CABBAGE

For very early use sow in January or February in hotbeds; prick out when the plants are strong enough into other hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frosts has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession, sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown in April or early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed.

**Copenhagen Market.** The finest, large, round-headed early cabbage. The heads average about ten pounds each in weight, are very solid, and of fine quality. It matures as early as Charleston Wakefield, and will give a heavier yield per acre than that well-known variety.

Pkt. 15c.; oz. 50c.; ¼ lb. \$1.75.

**Selected Early Jersey Wakefield.** The standard early variety; conical in shape; medium-sized heads; very solid, few outside leaves.

Pkt. 15c.; oz. 50c.; ¼ lb. \$1.50.

**Charleston, or Large Wakefield.** Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger in size, very solid and not so pointed.

Pkt. 15c.; oz. 40c.; ¼ lb. \$1.25.

**Winnigstadt.** Well-known and popular cabbage. In season very close to early Jersey Wakefield. Heads large, decidedly conical. Solid, even in summer; almost worm-proof, because so hard. A very sure header.

Pkt. 15c.; oz. 50c.; ¼ lb. \$1.50.

**Early Summer.** A second early cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves.....Pkt. 15c.; oz. 40c.; ¼ lb. \$1.25.

**Succession.** This popular second early sort is about ten days later than Early Summer, larger in growth, and heads more uniform. It is an excellent keeper, and in color an attractive light green.

Pkt. 15c.; oz. 50c.; ¼ lb. \$1.50.

**Glory of Enkhuizen.** Very desirable on account of its earliness, sure-headedness and fine keeping quality. The heads are of large size, solid, and of excellent quality.

Pkt. 15c.; oz. 50c.; ¼ lb. \$1.50.

**Danish Ballhead.** A well-known variety on account of its solid heads and unsurpassed keeping qualities. Heads are of medium size with few outer leaves, hence its name, "Ballhead." Solid, crisp, tender, with small amount of waste.....Pkt. 15c.; oz. 50c.; ¼ lb. \$1.50.

### CABBAGE—(Continued)

**Danish Round Head.** Similar to Danish Ballhead, but slightly larger and about two weeks earlier. Very hard and heavy.....Pkt. 15c.; oz. 40c.; ¼ lb. \$1.25.

**Selected Late Flat Dutch.** A popular late variety; its keeping qualities are unsurpassed. For market and family use this variety is more extensively cultivated than any other.....Pkt. 15c.; oz. 40c.; ¼ lb. \$1.25.

**Large Late Drumhead.** A favorite winter variety. The heads grow to very large size and heavy weight. They are solid, of good quality and texture, and have very few loose leaves, allowing of planting closely in the field.....Pkt. 15c.; oz. 50c.; ¼ lb. \$1.50.

### RED CABBAGE

**Mammoth Rock Red.** This late standard variety produces very solid, 10-pound heads of intense dark-red color. The plant is large with numerous spreading leaves and is sure heading. Used very largely for pickling on account of its excellent flavor and attractive color and produces the largest heads of the red varieties.

Pkt. 15c.; oz. 75c.; ¼ lb. \$2.50.

**Red Drumhead.** The standard pickling variety and a good keeper. Heads large, rounded in shape, solid and of a fine, deep-red color.

Pkt. 15c.; oz. 75c.; ¼ lb. \$2.50.

### SAVOY CABBAGE

**Perfection Drumhead Savoy.** This is the hardest heading and best all-round Savoy, possessing the rich flavor of the cauliflower.

Pkt. 15c.; oz. 60c.; ¼ lb. \$1.75.



PERFECTION DRUMHEAD SAVOY CABBAGE

### CHINESE OR PE-TSAI CABBAGE

This is often called celery cabbage on the market, and when well grown resembles Cos lettuce. The leaves, when young, are crimped and of a light-green color. The plant, as it becomes older, grows more upright and forms heads much like Cos lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It has a distinctive flavor, very mild and pleasant. It can be served as a salad like lettuce or cooked like other cabbages. Sow seed after July 1st in drills 20 inches apart, and thin the seedlings two or three times, or, if grown for the market, start in boxes and transplant like late cabbage.

Pkt. 10c.; oz. 35c.

### CARDOON

Sow early in the spring and transplant in trenches of well-manured ground, 3 feet apart and 1 foot in the rows; when full size bind the plant together and earth up the same as celery.

**Large Solid.** Grows about 4 feet high and almost entirely spineless.....Pkt. 10c.; oz. 30c.

## CARROT

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

A sandy, rich loam, and deeply cultivated is the better soil for carrots. For home gardens sow in rows 12 inches apart and thin to 2 to 3 inches in the row. For field culture 24 to 30 inches between rows. Cover  $\frac{1}{2}$  inch and thin to 3 to 4 inches between plants.

**Waterer's Forcing.** A handsome half-long carrot of deep orange-red color, almost coreless; very desirable for forcing or open ground.

Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$3.50.

**Earliest French Forcing.** The earliest of all varieties, and especially adapted for cultivation under glass, both on account of its earliness and the shortness and small size of its roots. It is also one of the best sorts for the table; delicate, fine grained and remarkably fine flavored.....Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.; lb. \$2.75.

**Early Scarlet Horn.** For forcing and early garden use; flesh deep orange, fine grained. May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2 inches long.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Danvers Half-Long Orange.** A first-class variety; flesh dark orange. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp and tender. A great favorite with market gardeners; also valuable for a field crop.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.25.

**Nantes Half-Long (Improved).** Sweet and fine flavored; almost without a core; very fine grained; excellent for the home garden or market. One of the finest in quality and handsomest in shape of the medium-sized sorts.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.00.

**Chantenay, or Model.** An excellent carrot for summer and winter use. It is finely shaped, half-long, blunt-pointed, with a small top, and the roots run very even in shape and size—about 5 to 6 inches long. The skin is clean, smooth and of a deep orange color. The flesh is fine-grained and free from core, excellent in flavor and quality.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.25.

**Improved Long Orange.** Most popular of the long sorts. Deep orange color, about 3 inches thick at the top and about 12 inches long, tapering to a point. Very productive. It is a good keeper, of fine quality for winter use, and extensively grown for stock feeding.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.25.

**Large White Belgian.** The roots grow partly above ground and are thick through, yielding a heavy crop which should be harvested before frost. It is a field carrot and grown only for stock feeding.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.25.



DANVERS HALF-LONG CARROT

## CHERVIL

**Curled.** The curled Chervil is cultivated like parsley and used for garnishing and flavoring soups and salads.

Pkt. 10c.; oz. 25c.

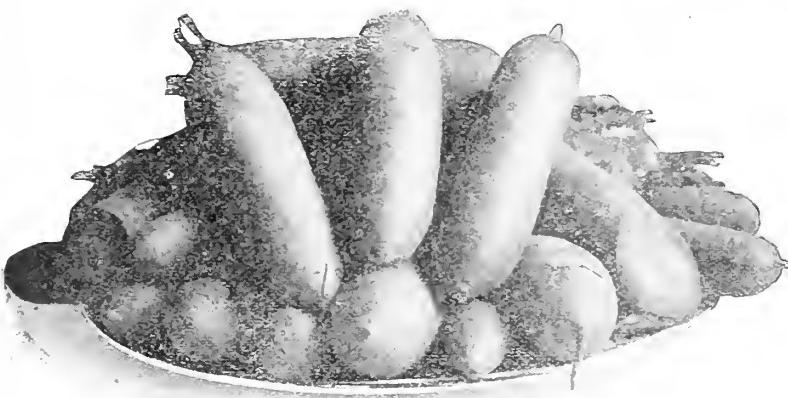
## CHICORY

**Witloof Chicory, or French Endive.** This is the delicious salad served in first-class restaurants under the name of "French Endive." Sow the seed during May, in rows 12 to 18 inches apart, and cover with about  $\frac{1}{4}$  inch of soil; when large enough, thin out to 6 inches apart in the row. In late autumn, lift the roots carefully, cut off the leaves about  $\frac{1}{2}$  inch from the crown, and store in the cellar in sand or dry soil. After one month's rest they are ready for forcing. Plant thickly in a deep box in the cellar or in a dark place where it is warm. They will soon begin to send forth new leaves which, grown in the dark, are snowy white, crisp, and of finest flavor. It requires about one month to force the roots and the heads are cut off with a small portion of the neck of the root attached. A continuous supply can be had by planting a dozen roots or more at a time.....Pkt. 10c.; oz. 35c.

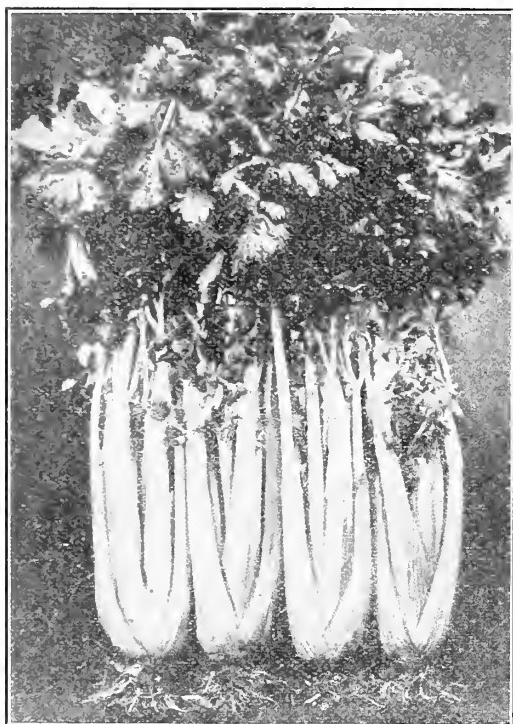
## CORN SALAD

**Large-Seeded, Round-Leaved.** A delicious salad for late fall, winter and early spring use. The leaves are also used for garnishing meat dishes. Sow the seed during July, August and September, in rich soil in shallow drills, and cover with  $\frac{1}{4}$  inch of soil. Matures in sixty to sixty-five days. The frost makes the leaves tender; they can be cut and used any time during the winter and early spring. Serve with a French dressing.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.



CARROT, EARLY NANTES IMPROVED



EASY BLANCHING CELERY

## CELERY

Sow the last of March or early in April, in drills 8 to 10 inches apart. The seed should be covered very lightly or merely pressed into the earth. When fairly out of the seed leaf they may be transplanted to another bed, or else thinned out to four inches apart, and let them grow until wanted for transplanting out into the beds or trenches early in July. Some gardeners trim off the tops a little, while the plants are small, to make them grow more stocky. The trenches should be shallow and 3 to 4 feet apart, and wide enough to hold one or two rows. These rows should be one foot apart and the plants set about six inches apart in the row. As the plants grow they should be earthed up to blanch them, care being taken not to let the earth get into the heart of the plant. For keeping over the winter, bank up with earth and cover over with litter to keep out the frost, placing boards on top to keep out the rain.

**Easy Blanching.** A variety of celery remarkably easy to blanch which, together with its being adapted to early use as well as storing for winter, make it especially suitable for the home garden. Stalks thick, brittle and excellent flavor; plant strong; healthy grower....Pkt. 15c.; ½ oz. 40c.; oz. 70c.; ¼ lb. \$2.25.

**White Plume.** This is one of the most popular of the varieties now in use. Used mostly for a very early crop. A comparatively easy variety to grow, as it is fairly hardy, and being naturally white is easy to blanch. Forms a medium-sized bunch and is fairly tall.....Pkt. 10c.; oz. 40c.; ¼ lb. \$1.25.

**Winter Queen.** This is the most valuable variety of celery for winter and spring use ever introduced. It is thicker and heavier, with double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream-white. Ribs perfectly solid, crisp and of a delicious, nutty flavor.

Pkt. 10c.; oz. 30c.; ¼ lb. \$1.00.

## CELERY—(Continued)

**Giant Pascal, or Winter King.** One of the best for fall and winter use. It is a selection from the Golden Self-Blanching, and adds to the general good quality of its parent superior keeping qualities. The stalks are very large, solid, crisp and of a rich, nutty flavor. It blanches very easily and quickly. The heart is golden-yellow; very attractive.

Pkt. 10c.; oz. 30c.; ¼ lb. \$1.00.

**Columbia.** A splendid new early variety of medium height; the stalks are broad and thick, almost round, solid, and of the highest quality. The foliage is of a light-green shade with a tinge of yellow. It matures early, is crisp, tender, and of fine flavor.

Pkt. 10c.; oz. 40c.; ¼ lb. \$1.25.

**Paris Golden Self-Blanching** (French-grown seed). The best very early celery, extensively grown for summer and early autumn use. The stalks are solid, crisp, tender, and of fine, nutty flavor.

Pkt. 20c.; ½ oz. 60c.; oz. \$1.00.

**Prize Pink.** Very select, large and solid, crisp and fine flavor.....Pkt. 20c.; oz. \$1.00.

**Standard Bearer (Red).** A variety of compact habit and robust growth; it grows to a heavy weight, is of good quality, solid, and of fine flavor.

Pkt. 20c.; oz. \$1.00.

**Dwarf Golden Heart.** Heart large and full, of a golden-yellow; very solid, rich flavor and good keeper.

Pkt. 10c.; oz. 35c.; ¼ lb. \$1.25.

**Schumacher.** A very large, fine-keeping variety; solid, crisp, golden-yellow heart.

Pkt. 10c.; oz. 30c.; ¼ lb. \$1.00.

**Boston Market.** Of dwarf-branching habit; solid, crisp and fine flavor.....Pkt. 10c.; oz. 30c.; ¼ lb. \$1.00.

**Perfection Heartwell.** One of the finest and largest of winter varieties....Pkt. 10c.; oz. 30c.; ¼ lb. \$1.00.

**Soup, or Flavoring Celery.** Not for planting purposes, but used for flavoring.....¼ lb. 20c.; lb. 50c.

## CELERIAC (Turnip-Rooted Celery)

**Giant Smooth Prague.** An improved form of the turnip-rooted celery. Roots large, round and smooth, and free from side roots; a profitable variety for market gardeners. Sow seed same as celery, transplant into rows 2 feet apart and about 6 to 8 inches in the row. No earthing up is required for Celeriac, as it is the roots which are the edible portion of the vegetable.

Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

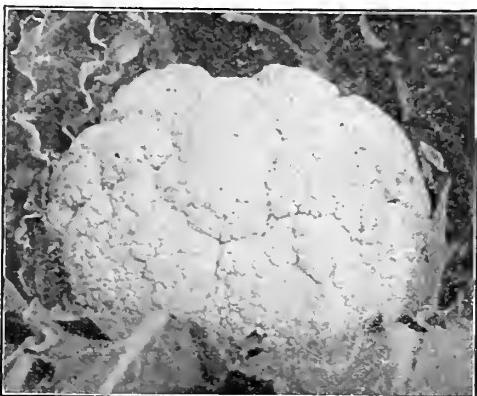
## CRESS

Easily grown during winter on the greenhouse bench, in frames or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water-cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

**Extra Curled, or Pepper Grass.**

Pkt. 10c.; oz. 15c.; ¼ lb. 35c.

**Water Cress.** .... Pkt. 10c.; oz. 55c.



WATERER'S EXTRA SELECTED DWARF ERFURT

**CAULIFLOWER**

Cauliflower succeeds well in any soil where cabbages will grow. It delights in a rich soil and abundance of water. Sow the seed in a hotbed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or in other hotbeds until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, in rows about 2½ feet apart, and 2 feet between the plants. The cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. Late varieties which mature in autumn are sown and managed like winter cabbage.

**Waterer's Extra Selected Dwarf Erfurt.** The best cauliflower either for forcing under glass or for the open ground, producing very solid, pure white heads of the finest quality. Pkt. 25c.; large pkt. 50c.; ¼ oz. \$1.50.

**Early Snowball.** One of the best types of cauliflower on the market. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting, as well as for early crops. It is a sure header.

Pkt. 25c.; large pkt. 50c.; ¼ oz. \$1.25.

**Earliest Snowstorm.** A splendid dwarf early variety for forcing or growing in the open ground.

Pkt. 25c.; large pkt. 50c.; ¼ oz. \$1.50.

**Danish Giant, or Dry Weather.** This variety withstands dry weather better than any other sort; heads large, very solid, snow white and of the most delicate flavor.....Pkt. 25c.; large pkt. 50c.; ¼ oz. \$1.50.

**Veitch's Autumn Giant.** A valuable and distinct late variety, producing large, white, firm heads.

Pkt. 15c.; large pkt. 25c.; ¼ oz. 50c.; oz. \$1.50.

**Early Paris, or Nonpareil.** This is a well-known standard French variety, producing good-sized, pure-white heads, which are tender and delicious.

Pkt. 15c.; large pkt. 25c.; ¼ oz. 75c.; oz. \$2.50.

**Algiers.** One of the best late sorts. Grown largely for fall use. It is a sure header.

Pkt. 15c.; large pkt. 25c.; ¼ oz. 50c.; oz. \$1.50.

**ENGLISH FORCING CUCUMBER**

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65 degrees at night. The fruits are long, smooth and handsome, frequently growing 20 to 30 inches long.

**Covent Garden Favorite, Lockies Perfection, Rockford's Market, Telegraph, Tender and True, Sion House, Duke of Edinburgh.** Each per pkt. of 10 seeds 25c.; \$2.00 per 100 seeds.

**CUCUMBER**

Sow the seeds early in the season in a hotbed, using small sods (grass side down) or flower pots, placing a few seeds in each. When all danger of frost is past, transplant into hills, which should be 4 feet apart and 18 inches in diameter. For general crop, a sowing may be made in the open ground in May in rich, mellow soil, well manured, using eight or ten seeds to each hill, and when danger of insects is past, thin out to four plants to each hill. For pickles, sow from the middle of June to first week in July. Pick all fruit when of proper size. One ounce of seed to 50 hills; 2 lbs. to an acre.

**Arlington White Spine.** The cucumbers average 7 to 8 inches in length, straight and of a rich dark-green color. Flesh white, crisp and solid, with comparatively few seeds.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**Davis' Perfect.** An excellent variety for outdoor and forcing purposes. The long, even fruits are of fine form, with an intensely dark, rich green skin. With very few seeds, the solid white flesh is of superb quality for slicing.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**Early Green Prolific, or Boston Pickling.** Fruit short, smooth, symmetrical and bright green; very productive, making a good pickle; a little shorter and thicker than most pickling sorts.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**Emerald.** Exceedingly productive, fruits set early and are very handsome, dark green, long and straight; entirely free from spines. Quality fine, being very solid and crisp.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**Everbearing.** This is a very early variety and extremely prolific. If the fruits are kept gathered, vines will continue in bearing throughout the season. The fruits, of a rich dark-green color, average from 4 to 5 inches in length.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**Cumberland.** A long slender variety which is very productive; fine for pickling or slicing; average length, 8 to 10 inches; dark-green color.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**Fordhook Famous.** Largest of the white spine family; fruit long, thick and tapering to both ends, crisp and solid; a fine slicing sort.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**Klondike.** A medium early cucumber of very dark green color and excellent slicing qualities. Vines are very hardy and productive. Fruits are 8 inches in length.....Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

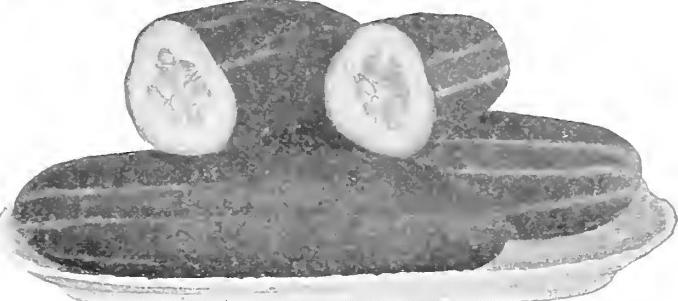
**Long Green (Jersey Pickle).** A well-known standard variety about 12 inches in length, of most excellent quality, and when young makes the best of pickles. When ripe it is the best of any for sweet pickles. Vines vigorous and very productive.

Pkt. 10c.; oz. 20c.; ¼ lb. 55c.; lb. \$1.50.

**West India Gherkin.** A small prickly variety. Used for pickles only.....Pkt. 10c.; oz. 40c.; ¼ lb. \$1.15.

**Japanese Climbing.** Can be grown on a trellis; very prolific and of good quality.

Pkt. 10c.; oz. 35c.; ¼ lb. \$1.00.



## CORN, SWEET OR SUGAR

Our seed corn is grown from carefully selected seed stocks. One pound will plant about 100 hills, or 150 to 200 feet of row.

(Any of the following varieties,  $\frac{1}{2}$  lb. 25c., except where noted.)

**De Lue's Golden Giant.** Grown and bred in New England, where it is pronounced the sweetest corn ever eaten. The stalks grow 4 $\frac{1}{2}$  to 6 feet tall and produce two to three ears each; ears 7 to 9 inches long, with twelve to eighteen rows of long, deep kernels of deep orange color..... $\frac{1}{4}$  lb. 40c.;  $\frac{1}{2}$  lb. 65c.; lb. \$1.00.

**Early Maine.** The earliest sweet corn; has a pure white cob, with a rich cream-white kernel; sweet and juicy..... $\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

**Extra Early Cory.** (White Cob Strain.) One of the earliest and best extra-early varieties. Ears medium size, large grain, and sweet.

$\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

**Stabler's Early.** Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable variety for the home garden..... $\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

**Metropolitan.** A remarkably fine, vigorous growing corn, with good-sized ears, very early and excellent quality..... $\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

**Golden Bantam.** Of dwarf growth, the stalks averaging 4 feet in height, each producing two or more ears measuring from 5 to 7 inches in length. When ready for use the kernels are bright golden-yellow, deliciously sweet, richly flavored, and remain tender for some time after ripening.

$\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

**Golden Cream.** A cross between Country Gentleman and Golden Bantam, and combines the excellent qualities of both..... $\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.35.

**Peep O'Day.** One of the earliest; very sweet and of delicate flavor. Grows about 3 $\frac{1}{2}$  feet high. Bears nearly always two ears on the stalks.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

**Early Evergreen.** The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep, sweet grains.

$\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

**Crosby's Early.** A favorite second-early variety, productive; rich, sugary flavor.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

**Early Mammoth.** An early selection of Late Mammoth; ears 8 to 9 inches long, 14-rowed; grain broad, deep, tender and sugary.

$\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

**Kendel's Early Giant.** A second-early variety, several days earlier than Crosby. Ears average 7 inches in length, with ten or more rows of large grains of rich, sugary flavor.  $\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

**Howling Mob.** One of the finest second-early, large-eared sorts; very productive, white, and of excellent quality. Ears 9 to 10 inches long, 16-rowed.

$\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

**Squantum, or Potter's Excelsior.** The ears of this corn are large and well filled with snowy white kernels. Its sweetuess and delicious flavor afford it a place with the best varieties.  $\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

**Black Mexican.** Grains deep bluish-purple, of delicious quality; medium early.

$\frac{1}{2}$  lb. 20c.; lb. 30c.; 5 lbs. \$1.35.

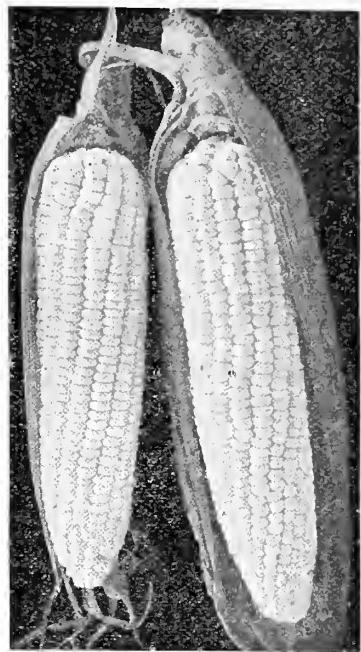
**Stowell's Evergreen.** Recognized everywhere as the standard variety for market and home use. Remains longer in green state than any other sort. Very large ears, with deep grains and remarkably sweet.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

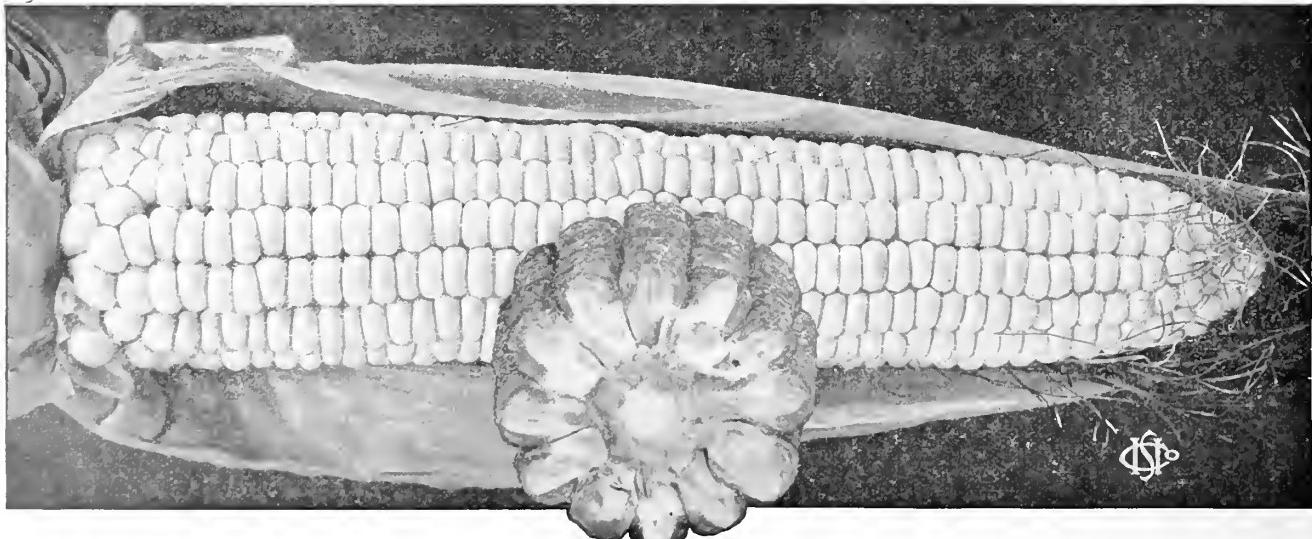
**Country Gentleman.** One of the sweetest and also one of the most productive sorts. Ripens about same time as Stowell's Evergreen.

$\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.

**Late Mammoth.** A large-eared variety, maturing after Stowell's. The mammoth ears are thick through, with many rows of large, broad grains of excellent quality..... $\frac{1}{2}$  lb. 20c.; lb. 35c.; 5 lbs. \$1.50.



STOWELL'S EVERGREEN



## EGG PLANT

Sow seeds in a box or pot in greenhouse or hotbed, in February and March. When about 3 inches high, plant singly into small pots and set plants out in the open ground about May 20th, 2 feet apart in row and 3 feet between rows. Egg plants are very tender and will not stand frost.

**New York Improved Purple.** Large, round, deep purple fruit, often weighing from 10 to 12 pounds, of excellent quality, and free from spines. The plants grow vigorously and produce from four to five well-developed fruits.....Pkt. 10c.;  $\frac{1}{2}$  oz. 35c.; oz. 65c.

**Improved Black Beauty.** Fully as large as New York Improved Purple, and about a week earlier. Fruit is of a deep black-purple color; of finest quality.

Pkt. 10c.;  $\frac{1}{2}$  oz. 35c.; oz. 65c.

**Early Long Purple.** One of the earliest, most hardy and productive sorts; fruits 6 to 8 inches long, rich purple and fine quality..Pkt. 10c.;  $\frac{1}{2}$  oz. 35c.; oz. 65c.

## ENDIVE

One ounce of seed to 100 feet of row

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June or July. When the plants are 2 or 3 inches high, thin them out or transplant into moderately rich and rather light soil, 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched by tying the leaves loosely together, which must be done when quite dry, or by covering with boards, or flower pots.

**White Curled.** Very tender and white. Blanches easily.....Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 55c.

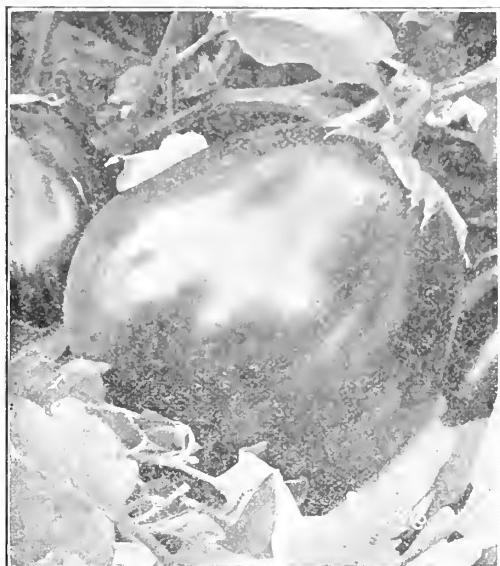
**Broad-Leaved Batavian.** Long, broad leaves; very fine for salads.....Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 55c.

**Giant Fringed.** A vigorous grower, with handsome, broad fringed leaves and a white heart.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 55c.

**Green Curled.** The hardest of all, with curled dark green leaves; tender and crisp.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 55c.



NEW YORK IMPROVED EGG PLANT

## KALE, OR BORECOLE

The Kales are highly esteemed for winter greens. They are extremely hardy, and are improved in flavor after frost. For fall use, sow in May and transplant in June, and treat in the same manner as cabbages. For early spring use, sow in August and September and protect during winter. One ounce will sow a drill of about 100 feet.

**Dwarf Curled Green Scotch.** The leaves are bright green, tender and beautifully curled. One of the best grown.....Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 55c.

**Tall Curled Green Scotch.** Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 55c.

## KOHL-RABI

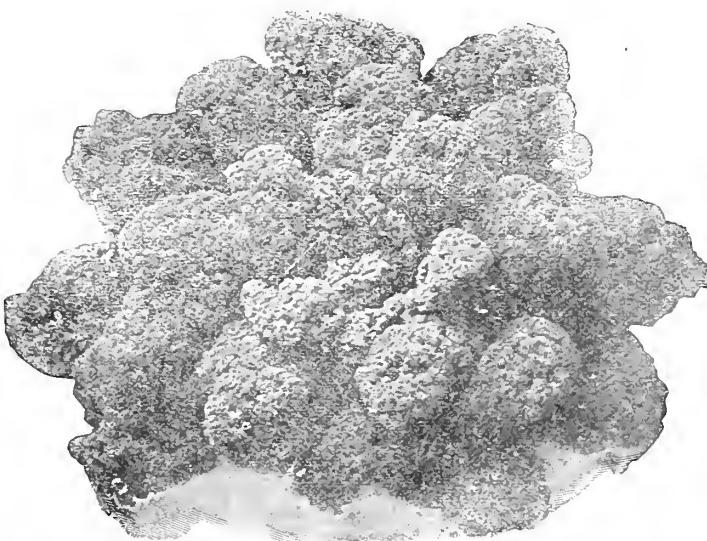
Sow in May or June, in rows 18 inches apart, and thin out to stand 8 inches in row. The bulbs, when about half grown, are boiled and served like turnips. One ounce of seed will sow 100 feet of drill.

**Early White Vienna.** The best for early and main crop; flesh white.....Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. 90c.

**Early Purple Vienna.** Bluish purple outside; flesh white.....Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. 90c.

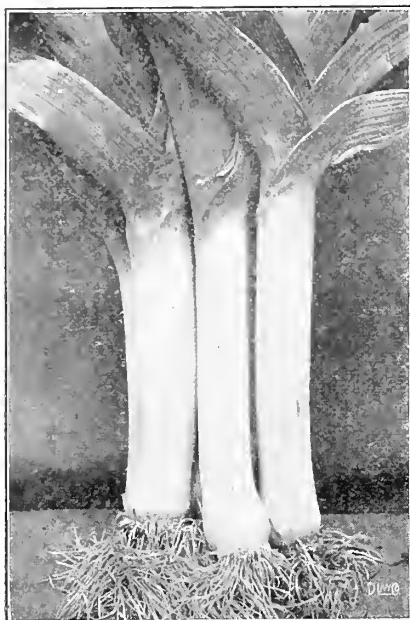
## LAVENDER (Herb)

**Lavender, Common (*Lavandula Spica*).** A popular aromatic herb, emitting a delightful fragrance. Also used for flavoring.....Pkt. 10c.; oz. 50c.



DWARF GREEN CURLED SCOTCH KALE

Get a hand cultivator for your garden and you will save two-thirds of the work. Gardening then becomes a pleasure. See pages 69 and 76 of catalogue for styles and prices.



PRIZETAKER LEEK

**LEEK**

Sow very early in the spring, in drills 6 inches apart; thin out to 2 inches apart in the row. When about 7 inches high, transplant them in rows 12 inches apart, and 6 inches in the rows, as deep as possible, but do not cover the young center leaves. Draw earth up to them as they grow.

**Giant Carentan.** The favorite market variety, large, thick stem, mild flavor.

Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. \$1.15.

**Selected Musselburgh** (Imported seed). A splendid selection of this well-known and popular variety; grows to large size, and is recommended for exhibition.

Pkt. 15c.;  $\frac{1}{4}$  oz. 15c.; oz. 50c.

**Prizetaker** (Imported seed). A favorite variety in England; of immense size, thick, pure white stems, and green, narrow, erect leaves; mild and very tender. This variety has received numerous prizes at exhibitions.....Pkt. 15c.;  $\frac{1}{4}$  oz. 25c.; oz. 75c.

**LETTUCE**

Seed for the first outdoor crop is usually sown in hotbeds in February or March, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 18 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall.

**CABBAGE OR HEADING VARIETIES**

**All Heart.** One of the best for spring or summer use; large heads, decided buttery flavor.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Big Boston.** This is a fine forcing variety for cold frames during the winter months, as it produces heads of very large size, and succeeds better in a cooler temperature than most forcing strains. It heads well also in the open ground during cool weather of spring and fall.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Big Boston** (black seeded). By far the most heat-resisting sort of this type. The plants are of a uniformly darker shade of green, grow more compactly, and stand several days longer than other strains of Big Boston, before running to seed.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Black Seeded Tennis Ball.** Very desirable for hotbed culture in winter and for withstanding heat in summer. A light green cabbage sort, forming hard heads.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.



MAY KING LETTUCE

**LETTUCE—(Continued)**

**Boston Market.** For forcing under glass or outside use; forms fair-sized heads.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**California Cream Butter** (Royal Summer Cabbage). One of the best summer varieties; forms fine, large solid heads of excellent quality.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Deacon.** Plants make firm heads, nearly as large and almost as solid as a cabbage. The heads are of delicious rich buttery flavor.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.

**Early Dutch Butter, Spotted.** Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Iceberg.** A summer variety, producing solid heads of fine quality; outer leaves are curled.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.

**May King.** A fine variety for forcing or outdoor culture; stands well, flavor unexcelled.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**New York, or Wonderful.** A large, crisp, tight-heading variety. Dark green, curly leaves; head large and of fine quality.....Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Salamander.** One of the most popular varieties for withstanding heat. Medium size, light green, and forms a hard, buttery head of fine quality.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.

**Wayahead.** The earliest and surest heading of all early lettuce. The outer leaves are light green, heart a rich buttery yellow of fine quality.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.



BIG BOSTON LETTUCE



TRIANON COS, OR ROMAINE LETTUCE

### COS OR ROMAINE LETTUCE

A distinct upright growing type of lettuce. The long narrow leaves need to be tied rather loosely together several days before they are cut for use.

**Trianon Cos, or Romaine.** A self-blanching Cos lettuce, very crisp and tender, and of excellent flavor.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

### CURLED OR CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking.

**Grand Rapids.** Produces crisp, tender, green leaves, richly curled. Superb for forcing or outdoor culture.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Black Seeded Simpson.** One of the best of the loose leaved varieties, withstands the heat and drought, finely fringed leaves.....Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.

### MUSTARD

One ounce will sow about 75 feet of drill

A small, pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter. Successive sowings may be made every week or two.

**White.** Leaves used for salads or greens when young.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Chinese.** Leaves about twice the size of white and of sweetly pungent flavor.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.

### MELONS

(English Forcing Varieties)

**Beatrice.** Green flesh.

**Blenheim Orange.** Scarlet flesh.

**Eureka.** Scarlet flesh.

**Golden Perfection.** Pale green flesh.

**Invincible Scarlet.** Bright scarlet flesh.

**Monarch.** Scarlet flesh.

**Royal Jubilee.** Deep green flesh.

**Triumph.** Scarlet flesh.

Price, any of the above, 25c. pkt.

### MUSK MELON

One ounce will plant about 50 hills. Two or three pounds for one acre.

Melons do best in a light or sandy soil, but with a little labor in preparing hills they can be grown in almost any warm, sunny location. Make hills 5 feet apart each way, putting two or three shovelfuls of well-rotted manure in each hill; pack it down tight, cover it with 3 inches of fine loose soil, making hills 12 inches in diameter. When the weather is quite warm, scatter ten to fifteen seeds thinly over the surface of the freshly-made hills and cover with  $\frac{1}{2}$  inch of fine soil. When the young plants are well established, thin out to the best three plants.

**Emerald Gem.** A splendid early variety, coming in just ahead of Rocky Ford; flesh very thick, of a deep, rich salmon color.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.00.

**Rocky Ford, or Golden Gem.** Oval-shaped; thick-necked; flesh light green in color, and uniformly fine, luscious flavor; skin ribbed and thickly netted.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.00.

**Burrell's Gem.** The flesh of reddish-orange is very thick, fine grained and deliciously rich and spicy in flavor.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Tip-Top.** The most productive melon known; good for early or late, having a sweet, juicy, fine flavor. The fruit is of large size, nearly round, evenly ribbed and moderately netted.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.00.

**Hoodoo.** A delicious melon, which grows to a convenient size. Flesh thick and firm; deep salmon or orange color.. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Netted Rock.** Remarkable for its resistance to both rust and blight; heavily netted, thick, green flesh, and of delightful flavor.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Gold-Lined Rocky Ford.** Flesh green, uniform in shape, and remarkably sweet.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.00.

**Honey Dew.** The fruit is of large size, weighing eight to ten pounds each. The rind is perfectly smooth and cream-colored. The flesh is from  $1\frac{1}{2}$  to 2 inches thick, light green in color, very sweet and juicy.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 80c.

**Jenny Lind.** Very early and very prolific.

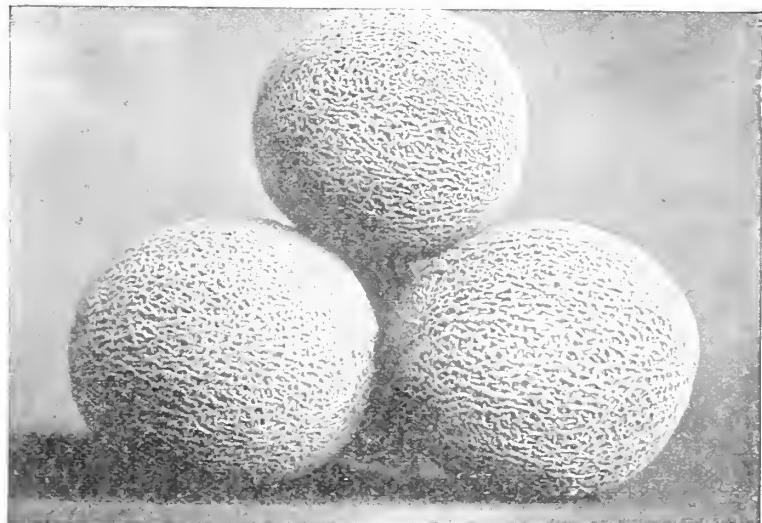
Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Extra Early Hackensack.** An early variety with almost globular fruit, which is heavily ribbed, netted; thick light-green flesh of fine flavor.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Montreal Market.** Skin dark green; heavily netted; flesh light green, of delicious flavor.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.



## WATERMELON

Cultivate same as musk melons, except that the hills should be 8 feet apart. One ounce for 30 hills; 4 to 5 pounds for an acre.

**Tom Watson.** A large, long melon with dark-green rind and light crimson flesh of excellent quality.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Fordhook Early.** Extra early; large, nearly round, skin tough; flesh red and very sweet.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Alabama Sweet.** A large and attractive melon, oblong in shape. Color dark green, flesh remarkably firm and of luscious flavor....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Kleckley Sweets.** Shape oblong, skin dark green; flesh bright scarlet, crisp, sugary and melting. The sweetest of all watermelons.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Sweetheart.** Oval form; mottled light-green skin; flesh bright red, solid and very tender and sweet.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Dixie.** The fruits are large, oblong in form, from twenty inches to two feet in length; skin dark green with stripes of lighter shade. Bright red flesh of excellent quality.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Haibert Honey.** A variety somewhat similar to Kleckley Sweets—of much darker color. The vines are very prolific and usually bear four and five very uniform melons—quality the highest.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Iceberg, Blue Gem, or Improved Kolb's Gem.** The flesh is bright red and of sweet, sugary flavor.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.

**Colorado Preserving Citron.** Excellent for making preserves.....Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.

### WATERER'S RELIABLE MUSHROOM SPAWN



**American Spore Culture Spawn.** The most vigorous and prolific spawn on the market. Each brick weighs from 1 $\frac{1}{4}$  to 1 1-3 pounds, and will spawn from 8 to 10 square feet of beds. Per brick, 35c.; 5 bricks, \$1.60; 10 bricks, \$3.00; 25 bricks, \$7.00; 50 bricks, \$13.50.

**Pure Culture Spawn.** The spawn which has held the market for so many years and has given universal satisfaction. Per brick, 35c.; 5 bricks, \$1.50; 10 bricks, \$2.75; 25 bricks, \$6.50; 50 bricks, \$12.50.

### MUSHROOM OR HOTBED THERMOMETERS

Heavy Brass Point style, \$2.75 each.

## OKRA, OR GUMBO

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills.

**Improved Dwarf Green.** Very productive; bears large pods which remain tender a long time.

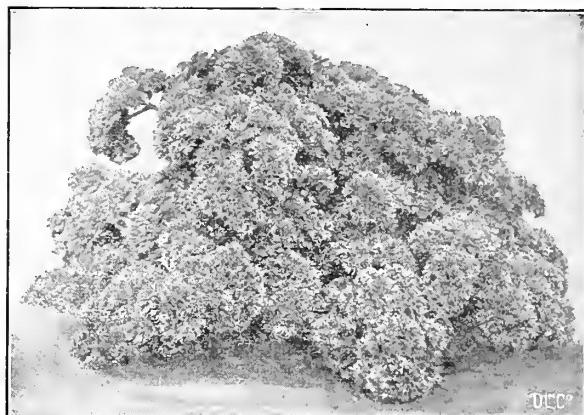
Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**White Velvet.** Pods large, very light green, smooth, and an abundant bearer of superior quality.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**Perkins' Long-Pod.** Produces pods 4 to 5 inches long in great abundance.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.



WATERER'S TRIPLE-CURLED PARSLEY

## PARSLEY

Because of its pleasant flavor, the leaves of parsley are used extensively as a garnish with other vegetables, either in cooked dishes or salads. Parsley seed germinates very slowly. For outdoor growing, soak the seed in warm water for a few hours. Sow thickly, in rows 1 foot apart and  $\frac{1}{2}$  inch deep, pressing down well after sowing. When well up, thin to 3 to 4 inches apart.

**Waterer's Triple Curled.** Dwarf, dark green, densely curled. The finest parsley for garnishing.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. \$1.00.

**Champion Moss Curled.** The leaves are not so heavy in appearance as our Triple Curled, but are also very finely curled, and excellent for garnishing.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.

**Turnip-Rooted, or Hamburg Parsley.** The fleshy root is used for flavoring soups, stews, etc.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

## PARSNIP

One ounce for 100 feet of drill, 5 to 6 pounds for an acre.

Sow as early in the spring as the weather will admit in drills 18 inches apart and  $\frac{1}{2}$  inch deep, in a rich deep soil; thin out 4 inches apart in the rows. In the late fall, before the ground freezes, remove enough roots for winter use to the root cellar and pack in sand. The remaining parsnips can be left in the ground through the winter for use in the early spring.

**Large Sugar, or Hollow-Crown.** The roots are smooth, uniform in shape, tapering evenly from a heavy shoulder down to a small root, tender, and of best quality.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.25.



# Waterer's Selected Onion Seed



One ounce for 100 feet of drill, 5 to 6 pounds for one acre.

Sow in rich soil, in drills 1 foot apart, as soon as the ground can be worked in the spring; thin out to 2 to 3 inches apart in the row, carefully keeping down the weeds. The finest onions are produced by sowing the seed in a hotbed in February or March, and transplanting the seedlings to the open ground 3 to 4 inches apart, in April. For sets, sow the seeds as early as possible in the spring, very thickly, in drills; as soon as the tops die off in summer remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills, 12 inches apart, and 2 inches apart in the drills.

**Ailsa Craig.** Selected stock. The largest and heaviest cropping onion, and a splendid keeper. Unrivaled in perfection of form, size, and weight; mild in flavor; outside skin of light straw color. It is a favorite variety for exhibition purposes.

Pkt. 20c.;  $\frac{1}{2}$  oz. 45c.; oz. 80c.;  $\frac{1}{4}$  lb. \$2.50.

**Prizetaker.** Grows uniform in shape; is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh two pounds each; its pure white flesh is fine-grained, mild and delicate in flavor.

Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00.

**Southport Yellow Globe.** It is entirely distinct from the Danvers type, being somewhat more pointed at each end. The outer skin is pale yellow; flesh white and mild in flavor. Quite productive, very hardy and keeps a long time in good condition after pulling.

Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00.

**Yellow Globe Danvers.** Of more globular shape than the preceding; splendid keeper, producing well-rounded bulbs about  $2\frac{1}{2}$  inches in diameter; skin light golden yellow; flesh white, crisp and mild in flavor. One of the best known onions, and one of the best for general crop.

Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00.

**Yellow Strasburg.** Similar to the Yellow Danvers; bulbs rather more flattened and of a darker skin. The onions ripen early, with pure white flesh of mild flavor. It is one of the best to grow for sets, and is a splendid keeper.....Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 85c.; lb. \$3.00.



YELLOW GLOBE DANVERS ONION



PRIZETAKER ONION

**Australian Brown.** Early and very hardy variety. The skin is thick and the color is a rich brown; flesh white and of a mild flavor. Is especially noted as a long keeper, as it keeps well into spring, and much longer than other varieties.

Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 85c.; lb. \$3.00.

**Southport White Globe.** An enormous yielder and superb keeper. Perfect globe-shaped, very large, clear white skin, and considered one of the handsomest varieties grown. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.50.

**White Portugal, or Silver Skin.** Largely grown for sets. Bulbs large, with silvery white skin and white flesh; mild-flavored, and excellent for family use and for pickling.

Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.15; lb. \$3.75.

**White Barletta.** An excellent pickling variety.

Pkt. 15c.; oz. 40c.

**Red Wethersfield.** Best known variety among the red flat onions. A heavy yielder, growing to a large size; shape flat; very good keeper; solid and with glossy red skin, flesh white with pink tinge.

Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.15; lb. \$3.75.

**Southport Red Globe.** This excellent medium-early or main-crop onion produces medium- to large-sized, perfect globe-shaped bulbs of deep purplish-red color. Flesh is white, tinged with light purple, fairly mild, fine-grained and tender. One of the best keepers.

Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00.

## ONION SETS

(Prices subject to market changes)

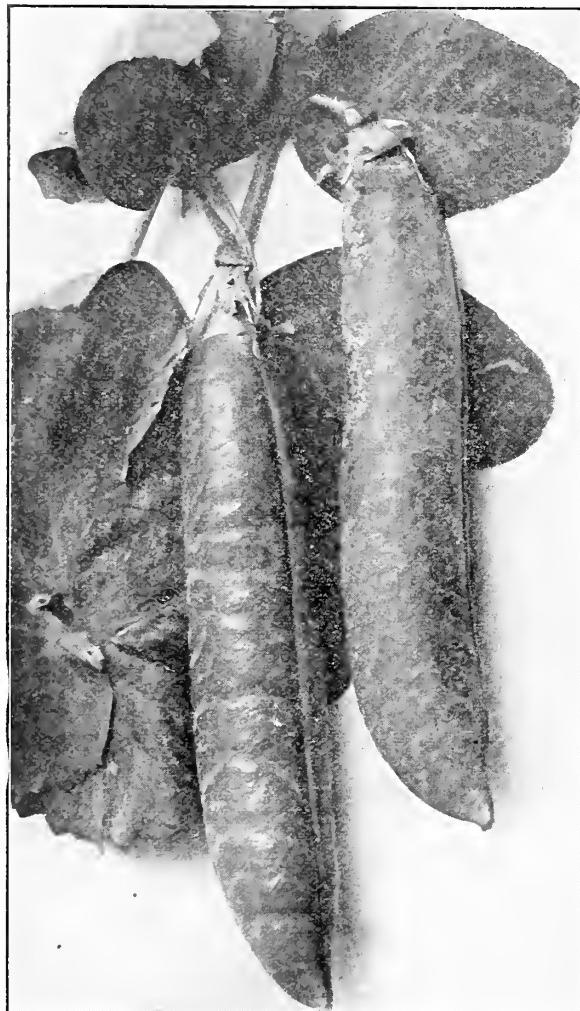
Plant in rows 12 inches apart, with sets 2 inches apart in the row. One pound will plant about 50 feet of row.

White .....	Lb. 35c.; 10 lbs. \$2.50.
Yellow .....	Lb. 30c.; 10 lbs. \$2.00.
Red .....	Lb. 35c.; 10 lbs. \$2.50.



## Garden Peas

Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—until June 1st, then discontinue until August 1st, when the extra early varieties may be planted for a fall crop. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. One pound will plant about 50 feet of drill.



GRADUS PEAS

### EARLY VARIETIES

**Maud S.** One of the best of the early sorts. Vines are vigorous and produce an abundance of pods, well filled with peas of superior quality; 2 feet.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Earliest of All, or Alaska.** A valuable, early, round pea, producing a large number of dark-green pods, well filled and of excellent flavor; 2 feet.

½ lb. 25c.; lb. 35c.; 5 lbs. \$1.65; 10 lbs. \$3.00.

**Eureka Extra Early.** 2 feet.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Dandy Extra Early.** 2 feet.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Gradus, or Prosperity.** An extra-early, large-podded wrinkled pea. The pods resemble Telephone in size and shape, and are well filled with large peas of delicious flavor; 2½ feet.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.30.

**Thomas Laxton.** A strong grower and as productive as the well-known Gradus. The pods are of a dark-green color, filled with large peas of superb flavor; 2½ feet.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.30.

**Nott's Excelsior.** This excellent dwarf wrinkled extra-early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor; 15 inches.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.30.

**The Pilot.** One of the earliest sorts. The vines are very robust and carry a heavy crop of large pods, well filled with richly flavored peas; 3 feet.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.30.

**Laxtonian.** One of the earliest and finest dwarf peas. The vines are well covered with large even-sized pods, and each pod contains 9 to 10 peas of the richest flavor; 18 inches.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Little Marvel.** A most desirable dwarf early variety. In season this new sort ripens fully as early as American Wonder or Nott's Excelsior, while the pods are larger and the vines produce a much heavier crop. 15 inches.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Extra-Early Blue-Bantam.** The dwarf vigorous vines average fifteen inches in height and carry really enormous crops of large, deep bluish-green pods. The pods measure four to four and one-half inches long and are tightly packed with eight to ten large, deep bluish-green peas of most luscious flavor.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Sutton's Excelsior.** A dwarf early Pea, growing about 18 inches high. Pods large and well filled with deliciously flavored Peas. Ready for picking with Nott's Excelsior.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

### SECOND EARLY PEAS

**Shropshire Hero.** A robust grower, producing abundantly long handsome pods, well filled with large peas of excellent flavor; 2½ feet.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Abundance.** Long, round, well-filled pods, containing from six to eight large wrinkled peas of fine quality; 1½ feet.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Advancer.** A dwarf green, wrinkled pea, with numerous long, well-filled pods, containing peas of the finest quality; 2 feet.

½ lb. 20c.; lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.75.

**Heroine.** A medium early wrinkled pea, and one of the best; large, showy pods; an immense cropper. Peas of the finest quality; 2½ feet.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.



MAUD S. PEA

## LATE OR MAIN CROP PEAS

**Dwarf Defiance (Potlatch).** A splendid large-podded variety of the Stratagem type. Height 2 feet. Pods 5 inches long, containing 8 to 10 very large, medium light-green peas of high quality. A superb, productive main-crop sort.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Improved Stratagem.** A dwarf, wrinkled marrow; heavy cropper, with large, well-filled pods; peas finest quality; 2 feet.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.30.

**Alderman.** A large-podded, late, wrinkled variety of vigorous growth, 3½ to 4 feet high; very productive; pods 4 to 5 inches long, well filled with large peas of excellent flavor.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Telephone.** A tall and very robust grower, bearing pods of unusual length, closely filled with peas of large size, and of most delicious flavor; 4 feet.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Yorkshire Hero.** A splendid main-crop pea; long, round pods, closely filled with large, luscious peas; 2½ feet....½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Carter's Daisy, or Dwarf Telephone.** Pods large, well filled, often containing ten peas of the largest size; 2 feet....½ lb. 30c.; lb. 50c.; 5 lbs. \$2.25; 10 lbs. \$4.25.

**Champion of England.** A well-known standard variety; fine flavored and an abundant cropper; 5 feet.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Duke of Albany (American Champion).** One of the largest of all peas; immense pods; enormously productive; 4 feet.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

**Dwarf Champion.** A dwarf form of the popular Champion of England, with large pods; very productive, finest quality; 2½ feet.

½ lb. 25c.; lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.75.

## SUGAR OR EDIBLE POD PEAS

**Dwarf Gray-Seeded Sugar.** Height 2½ feet. A dwarf, but very productive variety, with tender pods.

½ lb. 25c.; lb. 40c.; 5 lbs. \$1.75.

## SEED POTATOES

By planting our Northern grown seed you are assured of early maturity, increased yield and a vigorous growth. Plant in early spring, in rows 3 feet apart and plants 15 to 18 inches apart in row. Cultivate constantly and thoroughly, finally ridging the looso soil against the rows. A second or late spring planting is often made. Store in frost-proof cellar in winter. Our potatoes are all specially raised for seed purposes, true to name, and are exceptionally fine in quality.

## Prices for potatoes on application

**Early Six Weeks.** One of the best for early garden purposes.

**Irish Cobbler.** A fine, extra-early sort, producing plump, handsome tubers of good size and excellent quality.

**Bovee.** One of the best very early sorts, maturing before the Early Rose.

**Early Rose.** The popular standard early variety; uniform in size and very productive.

**Early Ohio.** Round, oblong, smooth tubers; very early, of fine quality.

**Beauty of Hebron.** A popular early sort and one of the best; red and white skin and pure white flesh.

**Maggie Murphy.** Medium early, very large, immense yielder.

**New Scotch Rose.** Medium early and very prolific.

**Rural Russet.** One of the best main-crop potatoes in cultivation; very vigorous, hardy and almost blight-proof; tubers nearly round and completely covered with a beautiful russet skin; very dry and mealy, and of fine quality.

**Ohio Junior, Extra Early.** A new seedling from Ohio, a good one.

**Pan-American.** Medium late, round, white, plump, good keeper.

**State of Maine.** A late or main-crop variety, producing tubers of exceptionally fine table quality.

**Rural New Yorker, No. 2.** A valuable variety of largo size, very smooth and a great cropper; in quality unexcelled. It is the best late, long keeper.

**Carman No. 3.** A good late variety, and one of the greatest yielders; large, oblong, slightly flattened.

**Gold Coin.** A splendid main-crop variety of remarkable productiveness and finest table quality.

**World's Wonder.** A round, white, main-crop variety, said to outyield the older varieties 50 to 60 bushels per acre.



IRISH COBBLER POTATOES

## PEPPER

Sow in hotbeds in March or April, and, when the season is favorable, transplant in rows 2 feet apart and 18 inches in row, in rich good ground.

**Pimento.** A very popular variety used extensively for salads. It is a thick-meated variety of mild flavor, being brilliant red in flesh and very productive.

Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 60c.

**Neapolitan.** The earliest of all large mild red peppers; skin and flesh bright red.

Pkt. 10c.;  $\frac{1}{2}$  oz. 40c.; oz. 75c.

**Large Bell, or Bull Nose.** Large, early variety, mild flavor, thick and fleshy...Pkt. 10c.;  $\frac{1}{2}$  oz. 40c.; oz. 75c.

**Chinese Giant.** The largest mild red pepper. The flesh is quite thick, very mild, and remarkably sweet.

Pkt. 10c.;  $\frac{1}{2}$  oz. 45c.; oz. 85c.

**Ruby Giant.** A variety which is of a very desirable size and shape for stuffing.Pkt. 10c.;  $\frac{1}{2}$  oz. 40c.; oz. 75c.

**Ruby King.** A popular, large fruiting variety; very thick flesh of fine, mild flavor.

Pkt. 10c.;  $\frac{1}{2}$  oz. 40c.; oz. 75c.

**Long Red Cayenne.** The pods are long and slender; bright red color, and very pungent.

Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 60c.

**Red Chili.** Red conical pods, about 2 inches long, very hot and prolific....Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 60c.

**Celestial.** Creamy white to scarlet, ornamental and prolific.....Pkt. 10c.;  $\frac{1}{2}$  oz. 40c.; oz. 75c.

## PUMPKIN

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill.

**Sugar, or New England Pie.** A fine pie pumpkin, small, but very sweet; fine-grained, and of the best quality. The skin is deep orange, and flesh rich yellow.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.00.

**Winter Luxury.** Golden yellow, finely netted, shape round; flesh very rich, unequaled as a winter keeper, and one of the best for pies.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.00.

**Golden Oblong.** Very hardy and productive; pumpkins 15 to 20 inches in length and 8 to 10 inches in diameter. Flesh is light golden yellow, of very rich, fine quality.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**White Cushaw.** A white crookneck variety of excellent quality.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.25.

**Large Cheese.** Flat; one of the best for family use.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Big Tom, or Improved Large Field.** Very productive; grown largely for feeding stock.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**King of the Mammoths.** Grows to an enormous size.

Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

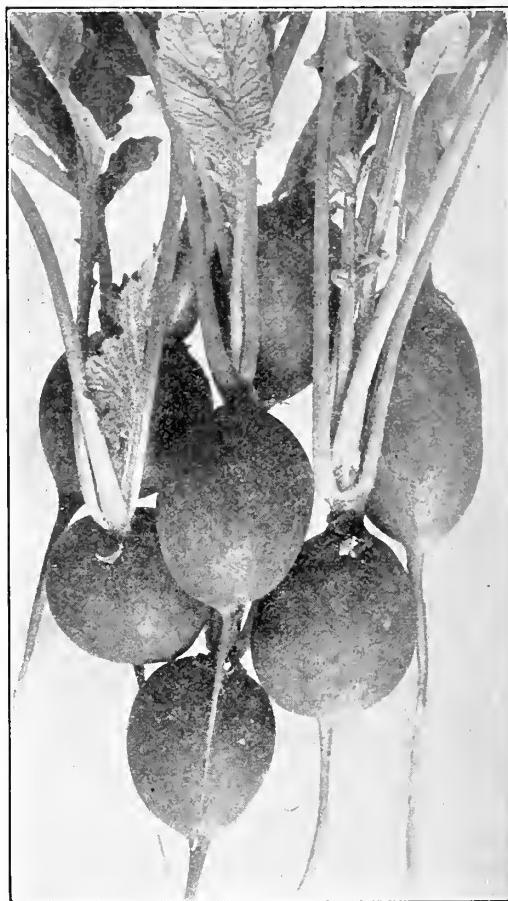
## RHUBARB

Rhubarb succeeds best in deep, rich loam; the richer its condition, and the deeper it is stirred, the better, as it is scarcely possible to cultivate too deeply or to manure too highly. It is propagated by seeds, or by division of the roots—the latter being the usual method. Sow the seed in drills eighteen inches apart, and thin out the plants to 6 inches apart in the drills. When the plants are one year old transplant into beds, setting the plants 4 feet apart each way. Do not cut until the second year and give a liberal dressing of manure every fall.

**Excelsior or Victoria Improved.**

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

Rhubarb Roots.....\$1.50 per doz.; \$10.00 per 100.



CARDINAL, OR SCARLET GLOBE RADISH

## RADISH

For early use seed should be sown in the hotbed, in drills, 3 to 4 inches apart and  $\frac{1}{2}$  inch deep. For open ground sow as early as weather conditions permit. Winter radish should be sown in July and August, as it makes its best growth in autumn. One ounce will sow 100 feet of drill; 10 pounds to the acre.

**Cardinal, or Scarlet Globe.** An excellent variety for forcing or out-of-door culture; brilliant scarlet; fine globe-shaped, with small top. Very crisp and tender.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Non Plus Ultra, or Fireball.** One of the earliest and best of the early red turnip varieties. Very short-leaved, small top, color of skin rich scarlet; flesh white and of good quality. It grows rapidly and is well adapted to forcing and also suitable for growing outdoors.....Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$1.75.

**Early Scarlet Turnip.** A valuable variety for forcing or outdoor culture. Is a small, turnip-shaped variety, and in color entirely crimson.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 65c.; lb. \$2.00.

**Scarlet Turnip White Tipped.** A favorite with market gardeners for outdoor planting, also for home garden; matures very early, turnip shaped; scarlet in color, with distinct white tip. Fine quality, crisp and tender.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Crimson Giant.** For forcing or outdoor planting. Although twice the size of other forcing sorts this does not get pithy or hollow; the skin is crimson, flesh is white, tender, crisp and sweet flavored.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

RADISH—(Continued)

**Philadelphia White Box.** A popular variety in the vicinity of Philadelphia, and used more extensively than any other sort. It matures early, root round, slightly flattened, color white, top medium. It is grown both under sash and outdoors.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Earliest White, or White Rocket.** Earliest of all radishes. Matures in eighteen to twenty days after sowing. Oval shape; small root and top; flesh white, tender and crisp.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**French Breakfast.** Of quick growth; very mild and tender; of an oval form, scarlet tipped with white. One of the best real early sorts for home garden.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Icicle.** A fine white radish about 5 inches in length and quite slender. This is one of the very best of the summer radishes. Skin is smooth and thin; flesh fine-grained, white and crisp.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Long Scarlet, Short Top.** The roots grow 5 to 6 inches long, straight, smooth and of a bright rich scarlet color. The flesh is crisp and tender.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.50.

**Chartier.** A very long good summer sort. Color scarlet rose, shading to white at the tip. Remains in condition for use for a long time.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.

**China Rose, or Scarlet China.** One of the most popular fall and winter sorts. Roots about 6 inches long. Skin smooth and of a bright rose color. Flesh very firm and crisp.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.

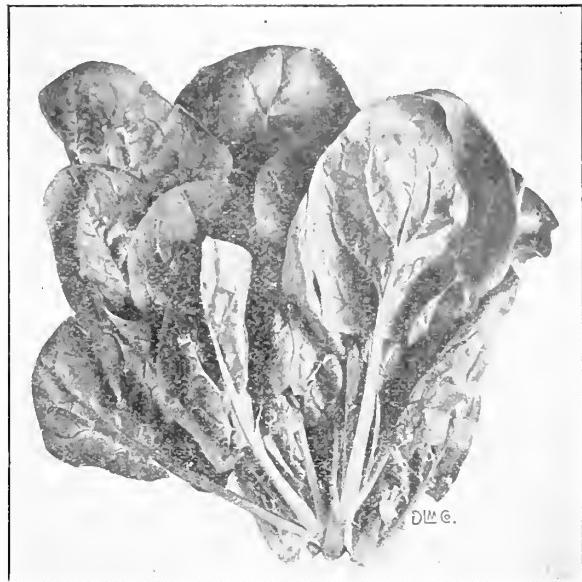
**White Chinese, or Celestial.** The finest of all extra large white winter radishes; the flesh is always crisp, mild, and juicy.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.

**Long Black Winter.** One of the hardest and best for winter use.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.

**Round Black Winter.** Similar to Long Black Winter, except in shape.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.



LONG SCARLET RADISH



SPINACH

One ounce will sow 100 feet of drill; 10 to 12 pounds in drills for an acre.

Sow early in spring, in drills a foot apart, every two weeks for a succession. For fall use sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold.

**Victoria.** Heavy, round, dark-green leaves; a fine variety for spring sowing.

Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.; 5 lbs. \$3.75.

**Long Standing.** One of the best to withstand hot weather. The leaves are large, round, thick, curled, and of dark-green color.

Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.; 5 lbs. \$3.75.

**Bloomsdale Savoy Leaved.** A heavy cropper of fine quality and very hardy. The best for fall sowing.

Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.; 5 lbs. \$3.75.

**Prickly, or Fall.** An exceedingly hardy variety, adapted for fall sowing.

Oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 75c.

**New Zealand.** Entirely different from the true spinach in type in that it thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in a hill 2 feet apart each way.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

SALSIFY (or Vegetable Oyster)

Sow early in the spring, in drills 15 inches apart, 1 inch deep; thin to 3 to 4 inches in rows.

**Mammoth Sandwich Island.** This is the largest and most profitable salsify now in cultivation.

Pkt. 10c.;  $\frac{1}{2}$  oz. 20c.; oz. 30c.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.

SORREL

Sorrel is used as greens like spinach. Mixed with spinach, it adds a delicious flavor to it. Also extensively used in French cookery. Sow in shallow drills in April.....Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. \$1.00.



MAMMOTH WHITE BUSH SQUASH

### SQUASH

Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 or 4 feet apart, and the running kinds 6 to 8 feet apart.

One ounce will plant 25 hills; 4 to 6 pounds will plant an acre.

#### EARLY VARIETIES

**Mammoth White Bush** (White Patty Pan). A well-known variety of dwarf habit and upright growth. Surface comparatively smooth; color greenish white while young, then changing to creamy white. One of the best and most popular sorts.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.25.

**Mammoth Yellow Bush, or Golden Custard.** This is identical with the Mammoth White Bush, but the fruits are larger and have a rich, golden-orange skin, as well as rich, creamy-yellow flesh.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.25.

**Mammoth Bush Summer Crookneck.** Early and of extra-fine quality; orange-yellow in color.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.25.

**Cocozella, or Italian Vegetable Marrow.** The fruits are oblong, 12 inches or more in length, and 4 to 5 inches in diameter; skin dark green, marbled with yellow and with lighter green stripes. The flesh is fine-grained, tender and of excellent flavor.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Vegetable Marrow (Bush).** A delicious English sort; skin creamy-white, flesh white, soft and of rich flavor.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Vegetable Marrow (Trailing).** The English squash, cream color, with white flesh.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

#### FALL AND WINTER VARIETIES

**Delicious.** A fall and winter squash of medium size, top-shape in form, and dark green; flesh orange, very dry and delicious. Usually weighs between five and ten pounds....Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 80c.; lb. \$2.50.

**Improved Hubbard.** A winter squash, large, heavy, and moderately warted; shell dark green; flesh bright orange-yellow, fine-grained, thick and dry.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.25.

**Golden Hubbard.** A deep orange-yellow; fine-grained and sweet.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.25.

### TOMATO

Our Tomato Seed is taken from selected fruits  
and is superior in every way

Sow thinly about the first week in March in a hotbed, greenhouse or window, where the temperature is never below 60 degrees. When 2 inches high set out the plants in boxes about 4 inches apart, or pot singly. After all danger of frost is past they may be transferred to the open ground. Set them deeply, 4 feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill. If the vines are trained on trellis, the fruit will be finer and larger.

**"Albino"** (Novelty). The plant is robust and fairly tall; the fruit is as large as "Stone," very smooth, absolutely white clear through, showing no red; appears in clusters of three to five, and is of a distinct flavor, containing no acid whatsoever. It is most prolific in bearing. Season is "medium early."...Pkt. 25c.

**June Pink.** Ripens as early as Sparks' Earliana and ten days to two weeks earlier than Chalk's Early Jewel. It is an enormous bearer, clusters of six to ten fruits being borne at the crown and at the forks of the branches. The fruit is of medium size, uniform, smooth and attractively shaped.

Pkt. 10c.;  $\frac{1}{2}$  oz. 40c.; oz. 75c.

**Sparks' Earliana.** One of the best and most popular extra-early sorts. The fruits are good size, red in color, quite smooth and are produced in great profusion.....Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 55c.

**Chalk's Early Jewel.** Within a week to ten days as early as the famous Sparks' Earliana, it is even a heavier cropper, with tomatoes of larger size. Large, handsome fruits, very solid, deep through. Color brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor.

Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 50c.

**John Baer.** An extra-early variety. Fruits are large and very attractive, round in shape, smooth, firm and of excellent quality. It ripens early and continues to bear fruit throughout the season.

Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 50c.

**Early Detroit.** A good large, early purple sort. Fruits average  $3\frac{1}{4}$  inches in diameter, are thick through and solid. A very prolific sort.

Pkt. 10c.;  $\frac{1}{2}$  oz. 35c.; oz. 60c.

**Matchless.** One of the finest, smoothest main-crop tomatoes in cultivation. Of rich cardinal red color, with solid flesh of finest quality. Grows to good size, which it maintains throughout the season.

Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 50c.

**Bonny Best.** Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are of bright scarlet color, always smooth and of remarkably uniform size and shape.

Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 50c.

**The Stone.** The largest, bright red, perfectly smooth, highest-yielding, best-keeping, finest-flavored main-crop variety....Pkt. 10c.;  $\frac{1}{2}$  oz. 25c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.50.

**Dwarf Stone.** The plants are of dwarf, sturdy growth and very productive; fruit bright red, similar in appearance to the Stone.

Pkt. 10c.;  $\frac{1}{2}$  oz. 25c.; oz. 45c.

**Paragon** is an immense cropper. In time of ripening it is a medium or early main-crop sort. The fruits are of large size and remain so throughout the season until late in the fall. Flesh is solid and of superior quality.

Pkt. 10c.;  $\frac{1}{2}$  oz. 25c.; oz. 45c.

**TOMATO—(Continued)**

**Favorite.** The fruit ripens evenly, is always smooth, free from cracks, and holds its size to the end of the season. Flesh is of good flavor, very solid, with few seeds.....Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 50c.

**Globe.** Fruit globe-shaped, very early, large-sized, smooth and firm-fleshed; very productive; in color, glossy rose, tinged with purple; quality excellent.

Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 50c.

**Ponderosa.** The fruits are very solid, almost seedless, of good sub-acid flavor and of immense size, frequently weighing considerably more than 2 pounds. Good tomato for home use; splendid slicer.

Pkt. 15c.;  $\frac{1}{2}$  oz. 35c.; oz. 60c.

**Golden Queen.** "Queen of all the Yellows." Its superior flavor has brought it into general favor as a table fruit.....Pkt. 10c.;  $\frac{1}{2}$  oz. 30c.; oz. 50c.

**FORCING TOMATOES**

The following varieties are excellent for growing under glass during winter as well as for outdoor culture.

**Ailsa Craig.** A very heavy cropper of perfect-shaped fruit; excellent flavor. A free setter.....Pkt. 35c.

**Best of All.** Sets freely and is an immense cropper. Fruit smooth, of good size and form.....Pkt. 15c.

**Carter's Sunrise.** A heavy cropper, free setter, and bears fine, medium-sized fruits of excellent quality and flavor.....Pkt. 25c.

**Comet.** This is a very popular sort, for growing indoors or out, with a medium-sized fruit, almost round, and of a rich scarlet color.....Pkt. 15c.

**Fillbasket.** A most healthy and vigorous cropper of well-formed, medium-sized fruit; excellent for forcing. Pkt. 25c.

**Frogmore Selected.** A splendid forcing variety of excellent cropping qualities.....Pkt. 15c.

**Stirling Castle.** Medium size, round, smooth, bright scarlet, thick, solid flesh, heavy cropper.....Pkt. 15c.

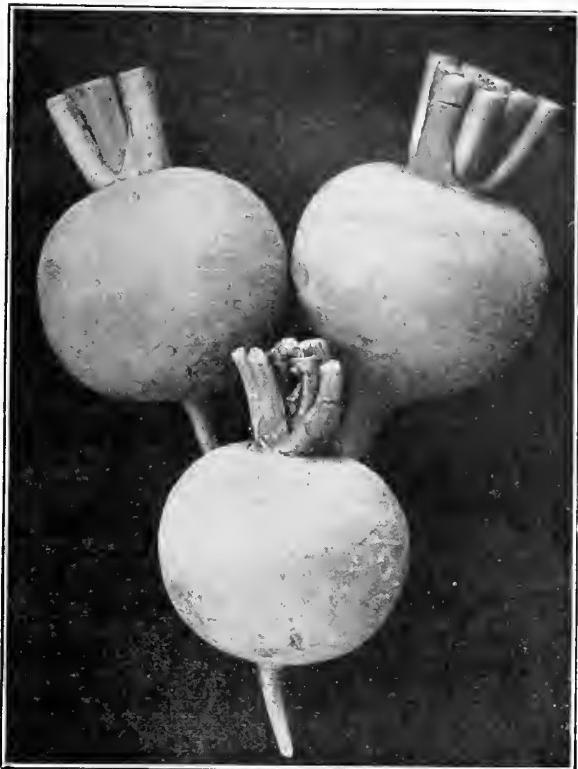
**SMALL-FRUITED TOMATOES**

Largely used for making fancy pickles, preserves, etc.

**Plum-Shaped Yellow, Pear-Shaped Red, Pear-Shaped Yellow, Red Cherry.** Each at 10c. per pkt.; 55c. per oz.



DIMCO



"PERFECT MODEL" TURNIP

**TURNIP**

For early use, sow as soon as ground opens in spring, in drills 12 to 18 inches apart; thin out to 4 to 6 inches in the rows. For succession, continue to sow every two weeks until June; for fall and winter crop, sow in July and August.

**Purple Top Strap-Leaf.** Most extensively used of the flat turnips. White skin and flesh, with purplish top. Quite early and very sweet and tender.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**Early White Strap-Leaf.** A fine early variety for family use.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**Purple Top White Globe.** A very handsome globe-shaped variety; valuable for table or stock.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**Perfect Model.** The roots are beautiful in shape, pure white in color, and delicious in flavor.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 45c.; lb. \$1.25.

**Golden Ball.** This is the most popular of all the yellow garden varieties; shape perfectly globular; skin deep orange-yellow, and flesh of the finest quality.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**Yellow Globe.** An excellent sort for early or late sowing; good cropper, fine keeper; excellent for table or stock.....Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**Yellow Aberdeen Purple Top.** A very hardy and productive variety of excellent quality; good for either table or stock.

Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

**RUTA-BAGA, OR SWEDISH TURNIP**

Rutabagas are principally grown for winter crop. The roots grow to an enormous size; flesh tender and sweet.

**Improved Purple Top (Special Strain).** Very hardy and productive; flesh yellow, solid and sweet; excellent for table or stock.

Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 35c.; lb. \$1.00.

## Sweet, Pot and Medicinal Herbs

Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in small bunches and hung up to dry.

Anise (*Pimpinella anisum*). A hardy annual, the seed being used for seasoning food and for medicinal purposes ..... Pkt. 10c.; oz. 25c.

Balm (*Melissa officinalis*). A perennial herb used for seasoning ..... Pkt. 20c.; oz. \$1.25.

Basil, Sweet (*Ocimum basilicum*). A hardy annual. Used for seasoning soups, meats and salads.

Pkt. 10c.; oz. 25c.

Borage (*Borago officinalis*). The leaves are used for flavoring ..... Pkt. 10c.; oz. 40c.

Caraway (*Carum carvi*). A biennial herb, grown for its seeds, which are used for flavoring breads, cakes and cheese ..... Pkt. 10c.; oz. 25c.

Catnip or Catmint (*Nepeta cataria*). A hardy perennial, the leaves of which are used for medicinal purposes. An excellent tonic for cats....Pkt. 15c.; oz. 50c.

Coriander (*Coriandrum sativum*). The seeds are used for flavoring pastry, confectionery, etc.

Pkt. 10c.; oz. 25c.

Dill (*Anethum graveolens*). An annual herb; seeds are used for seasoning and the foliage for flavoring, etc.

Pkt. 10c.; oz. 20c.

Fennel, Sweet (*Foeniculum Officinale*). A hardy perennial, the leaves of which are used in soups, garnishes and salads ..... Pkt. 10c.; oz. 25c.

Horehound (*Marrubium vulgare*). A hardy perennial used in confectionery and medicines for coughs and colds ..... Pkt. 10c.; oz. 25c.

Lavender (*Lavandula vera*). The true lavender. Pkt. 15c.; oz. 75c.

Lavender (*Lavandula spica*). The variety generally sold ..... Pkt. 10c.; oz. 50c.

Sweet Marjoram (*Origanum marjorana*). A half-hardy perennial; the leaves are used for flavoring or seasoning ..... Pkt. 10c.; oz. 50c.

Rosemary (*Rosmarinus officinalis*). A hardy perennial; the leaves are used for seasoning and medicinal purposes ..... Pkt. 15c.

Sage (*Salvia officinalis*). A hardy perennial; leaves have a pleasant smell and are used for seasoning.

Pkt. 10c.; oz. 75c.

Summer Savory (*Satureia hortensis*). A hardy annual; leaves used for flavoring dressings and soups.

Pkt. 10c.; oz. 50c.

Winter Savory (*Satureia montana*). A hardy perennial, the leaves of which are used for seasoning.

Pkt. 10c.; oz. 50c.

Thyme, Broad-Leaved English (*Thymus vulgaris*). A perennial, with fragrant leaves, which are used for seasoning ..... Pkt. 15c.; oz. \$1.00.

Wormwood (*Artemisia Absinthium*). A hardy perennial; the leaves have a strong, bitter flavor, and are used in medicines for tonics ..... Pkt. 10c.; oz. 50c.

## Waterer's \$1.00 Collection of Vegetable Seeds

Contains a liberal-sized packet of each of the following:

1 pkt. Beans, Early Valentine.  
1 pkt. Beans, Early Bountiful.  
1 pkt. Beans, Wax or Butter.  
1 pkt. Beans, Bush Lima.  
1 pkt. Beet, Crosby's Egyptian.  
1 pkt. Carrot, Chantenay.  
1 pkt. Corn, Golden Bantam.

1 pkt. Lettuce, May King.  
1 pkt. Lettuce, Grand Rapids.  
1 pkt. Onion, Silver Skin.  
1 pkt. Parsley, Moss Curled.  
1 pkt. Radish, Scarlet White Tipped.  
1 pkt. Swiss Chard.  
1 pkt. Turnip, Early White.

## Waterer's \$3.00 Collection of Vegetable Seeds

$\frac{1}{2}$  lb. Beans, Early Valentine.  
 $\frac{1}{2}$  lb. Beans, Early Bountiful.  
 $\frac{1}{2}$  lb. Beans, Wax or Butter.  
 $\frac{1}{2}$  lb. Beans, Bush Lima.  
1 oz. Beet, Crosby's Egyptian.  
1 oz. Beet, Detroit.  
1 pkt. Carrot, Chantenay.  
1 pkt. Carrot, Danver's Half-long.  
1 pkt. Celery, White Plume.  
1 pkt. Celery, Winter Queen.  
1 pkt. Corn, Golden Bantam.  
1 pkt. Corn, Stabler's Early.  
1 pkt. Corn, Stowell's Evergreen.  
1 pkt. Cucumber, Arlington White Spine.

1 pkt. Lettuce, Big Boston.  
1 pkt. Lettuce, B. S. Simpson.  
1 pkt. Musk Melon, Emerald Gem.  
1 pkt. Onion, White Globe.  
1 pkt. Onion, Yellow Globe.  
1 pkt. Parsley, Moss Curled.  
1 pkt. Parsley, Hollow Crown.  
1 lb. Peas, Maud S.  
 $\frac{1}{2}$  lb. Peas, Dwarf Defiance.  
1 pkt. Radish, Scarlet White Tipped.  
1 pkt. Radish, Icicle.  
1 oz. Spinach, Bloomsdale.  
1 oz. Swiss Chard.  
1 pkt. Turnip, Early White.

## Vegetable Plants and Roots

Asparagus Roots. Strong 2-year-old. \$1.75 per 100; \$12.50 per 1000.  
 Cabbage Plants.....60c. per 100; \$5.00 per 1000.  
 Cauliflower Plants. Pot grown. 75c. per doz.; \$5.00 per 100.  
 Chivcs.....15c. per clump; \$1.50 per doz.  
 Egg Plants. Pot grown \$1.00 per doz.; \$7.00 per 100.  
 Horse Radish Roots. Bohemian.....\$1.50 per 100.  
 Lettuce.....75c. per 100.

Peppermint ..... \$1.00 doz.; \$7.00 per 100.  
 Parsley. Pot grown.....\$1.00 doz.; \$7.00 per 100.  
 Peppers. Pot grown.....\$1.00 doz.; \$7.00 per 100.  
 Rhubarb Roots ..... \$1.50 doz.; \$10.00 per 100.  
 Sweet Potato Plants...\$1.00 per 100; \$7.50 per 1000.  
 Tarragon.....25c. each; \$2.50 per doz.  
 Thyme.....20c. each; \$1.50 per doz.  
 Tomato Plants. Pot grown. 75c. per doz.; \$5.00 per 100.



D.M.C.



## WATERER'S SUPERIOR Grass Seed Mixtures



We devote very great care in preparing mixtures of grasses, and we are perfectly convinced of their superiority, owing to the yearly increasing demand. Mixtures of grasses to order of any formula furnished. No charge for mixing.

### LAWN GRASS SEED

#### Waterer's "Special" Evergreen Lawn Mixture

This is the very finest mixture that can be made, and should always be used where a very fine lawn is wanted. It is composed of a combination in proper proportions of the best natural lawn grasses, so as to produce a continuous good lawn from early spring until late in the fall, and the ingredients are the highest grade of re-cleaned seeds only. (Bus. 20 lbs.)

1 lb. 40c.; 5 lbs. \$1.75; 10 lbs. or more, 30c. per lb.

**Waterer's "Popular" Evergreen Lawn Mixture.** In this mixture the quantities of some of the more expensive grasses are reduced or left out in order to bring the price down to a moderate figure. (Bus. 20 lbs.)

1 lb. 35c.; 5 lbs. \$1.50; 10 lbs. or more, 25c. per lb.

**Waterer's Mixture for Shady Places.** A mixture of grasses best adapted for sowing in shady places, where other grasses will not thrive. (Bus. 20 lbs.)

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. or more, 35c. per lb.

**Waterer's Putting Green Mixture.** A mixture of extra-fine grasses that will make a close, firm, green and lasting turf. (Bus. 20 lbs.)

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. or more, 35c. per lb.

**Waterer's Tennis Court Mixture.** A mixture of extra-fine grasses for tennis courts, and which will make a firm, green and lasting turf of the finest texture. (Bus. 20 lbs.)

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. or more, 35c. per lb.

**Waterer's Polo Ground Mixture.** A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. (Bus. 20 lbs.)

1 lb. 35c.; 10 lbs. or more, 25c. per lb.

**Waterer's Permanent Pasture Mixture.** Containing only the most suitable grasses that will afford an abundant and nutritious food supply for stock. (Bus. 20 lbs.) Sow 50 lbs. to the acre.

1 lb. 25c.; 10 lbs. or more, 20c. per lb.

## HOSEA WATERER, PHILADELPHIA

# Waterer's Extra Re-cleaned Grass and Clover Seeds

(Prices subject to market changes)

	Weight Per bus. lbs.	Per lb.	Per bus.		Weight Per bus. lbs.	Per lb.	Per bus.
<b>Blue Grass Fancy Kentucky</b> ( <i>Poa pratensis</i> ). For pastures and lawns it has no superior. It is usually sown mixed with fine grasses . . . .	14	\$0.40	\$5.50				
<b>Blue Grass Canadian</b> ( <i>Poa compressa</i> ). A hardy perennial grass, with creeping root-stalks, forming a close turf. Thrives well on clay soil . . . .	14	.35	4.00				
<b>Creeping Bent Grass</b> ( <i>Agrostis stolonifera</i> ). Excellent for lawns; makes a low velvety growth. . . . .	20	1.00	19.00				
<b>Crested Dogtail</b> ( <i>Cynosurus cristatus</i> ). A stoloniferous perennial, forming a smooth, compact, and lasting turf. Its roots penetrate deeply into the ground, which enables it to stand severe droughts. Valuable in mixtures for lawns and putting greens . . . . .	21	1.00					
<b>Fine-Leaved Sheep's Fescue</b> ( <i>Festuca ovina tenuifolia</i> ). A very fine leaved grass, dwarf in habit. Excellent for lawns . . . . .	14	1.00					
<b>English Rye Grass</b> ( <i>Lolium perenne</i> ). Fancy. A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns . . . . .	24	.30	4.00				
<b>Hard Fescue</b> ( <i>Festuca duriuscula</i> ). One of the most desirable dwarf grasses, excellent for dry soils. . . . .	12	.55	4.00				
<b>Italian Rye Grass</b> ( <i>Lolium italicum</i> ). Adapted to any climate, and produces large and nutritive crops. . . . .	18	.30	4.50				
<b>Meadow Fescue</b> ( <i>Festuca pratensis</i> ). A valuable grass for permanent pastures; very productive and nutritious . . . . .				22 Price on application			
<b>Meadow Foxtail</b> ( <i>Alopecurus pratensis</i> ). One of the earliest and best pasture grasses. And is highly relished by stock . . . . .	7	1.00	6.75				
<b>Orchard Grass</b> ( <i>Dactylis glomerata</i> ). A valuable pasture grass; and makes excellent hay . . . . .	14	.50	5.50				
<b>Red or Creeping Fescue</b> ( <i>Festuca rubra</i> ). Valuable for lawns, and suitable for sandy soils . . . . .	14		5.00				
<b>Red Top, or Herds Grass</b> ( <i>Agrostis vulgaris</i> ). EXTRA RECLEANED SEED. A valuable grass for meadows, pastures and lawns, where permanent grasses are desirable . . . . .	32	.45	12.25				
Rhode Island Bent ( <i>Agrostis canina</i> ). Excellent for lawns . . . . .					14	Price on application	
<b>Rough-Stalked Meadow</b> ( <i>Poa trivialis</i> ). Good on either moist or dry soils. . . . .					14	Price on application	
<b>Sheep's Fescue</b> ( <i>Festuca ovina</i> ). An excellent grass for sheep pastures. . . . .					12		4.00
<b>Sweet Vernal Grass</b> ( <i>Anthoxanthum odoratum</i> ). It should be sown in connection with other grasses. . . . .						10 Price on application	
<b>Tall Meadow Oat Grass</b> ( <i>Avena elatior</i> ). Recommended as one of the best pasture grasses. . . . .						10 Price on application	
<b>Timothy</b> ( <i>Phleum pratense</i> ). A most valuable grass for hay . . . . .						45	\$0.20 Market Price
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). Especially desirable for sowing on shaded lawns and woodland parks, where other grasses will not grow. . . . .						14	1.00 13.25

## CLOVER SEED (Highest Grades Only)

<b>Red Clover Medium</b> ( <i>Trifolium pratense</i> ). The leading variety of clover for pastures or meadows. Sow at the rate of 12 lbs. per acre if no other grasses are used. . . . .	60	\$0.40	Market Price
<b>White Clover</b> ( <i>Trifolium repens</i> ). Some white clover is usually included in lawn grass mixtures. It makes an excellent turf that stands constant trampling. It is valuable in permanent pastures, its foliage being sweet and nutritious . . . . .	60	.90	Market Price
<b>Alshire, or Swedish</b> ( <i>Trifolium hybridum</i> ). Valuable for sowing with other clover or grasses, as it forms a thick bottom and increases the yield of hay . . . . .	60	.50	Market Price
<b>Alfalfa, or Lucerne</b> ( <i>Medicago sativa</i> ). Where this variety succeeds well, it is probably one of the most valuable of all clovers. Sow alone at the rate of 20 to 25 lbs. to the acre . . . . .	60	.50	Market Price
<b>Crimson, or Scarlet Clover</b> ( <i>Trifolium incarnatum</i> ). An annual variety producing large crops of green forage, or if cut while in bloom will make excellent hay. Sow at the rate of 20 lbs. to the acre. . . . .	60	.25	Market Price

## Field Seeds

(Prices subject to market changes)

### CORN, FIELD VARIETIES

Sow eight quarts to the acre in early May.

**Golden Beauty.** The largest grained and handsomest yellow corn. Market price.

**Reid's Yellow Dent.** A carefully selected strain. Market price.

**Improved Leaming.** A very popular and productive variety. Market price.

**White Cap Extra Early.** Market price.

### COWPEAS

Valuable as a forago plant; their chief value, however, is as a green crop to plow under. In the latitude of Philadelphia sow from May 1st to July 1st. One bushel to the acre in drills, or two bushels broadcast.

**Whippoorwill.** A popular early variety; very productive, and largely grown as a soil improver. Price on application.

**New Era.** An early-maturing variety of quick, upright growth; cures easily and makes a splendid dry forage. Price on application.

### CANADA FIELD PEAS

Valuable for cattle feeding. The most satisfactory method of sowing is with oats. Quite hardy and may be sown early in the spring. Will be ready to eat in May or June. Sow 1½ bushels to the acre.

Bus. (60 lbs.) \$6.00.

### MILLET

Nothing pays better for a stock raiser and dairyman than a few acres of millet. It is of the greatest value as a milk producer, and yields double the quantity of hay per acre as timothy and clover. Greatly relished by stock.

**Hungarian.** Sow one bushel to the acre. Also called Hungarian Grass; popular for summer forage purposes; it grows well on light soil and withstands heat and drought; valuable as a catch-crop for hay, and may be sown up to August. (Bus. 48 lbs.) Market price.

**German, or Golden.** Sow one bushel to the acre. Larger and heavier than the Hungarian and yields a much heavier crop, but is later. Should be sown in this latitude from April to July 10th. (Bus. 50 lbs.) Market price.

### OATS

**Oats, Welcome.** An excellent variety, productive and heavy; sow 2½ to 3 bushels to the acre. (Bus. of 32 lbs.) Price on application.

### RYE

**Spring Rye.** Used as a catch crop where winter grain has failed; 1½ bushels to acre. (Bus. 56 lbs.) Write for prices.

### DWARF ESSEX RAPE

It is excellent for sheep pasture and also for soiling. It may be sown in May. In drills, sow 5 lbs. to acre; broadcast, 10 lbs. to acre. . . . . Lb. 25c.

Inoculate Your Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches and all other legume crops with

# Mulford Cultures

FOR LEGUMES

Small Cost

Large Returns

Easy to Use

No Labor Expense

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Mulford Cultures are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for

Alfalfa	Alsike Clover	Garden Peas
Crimson Clover	Cow Peas	Garden Beans
Sweet Clover	Soy Beans	Lima Beans
Red Clover	Vetch	and others
		Sweet Peas

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Prices: 5-acre size.....	\$5.00
1-acre size.....	1.50
¼-acre size .....	.75
Small size (supplied only in four varieties for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) .....	.35

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST

## Poultry and Animals Supplies

(Prices subject to market changes)

Animal Regulator (Pratt's)..... 12 lbs. \$2.50.

Bone (Granulated Poultry Size). Contains the necessary phosphoric acid and lime so essential to laying hens. It has all the nutritive ingredients essential to good egg production.

25 lbs. \$1.50 (larger quantity, price on application).

Canada Peas. Most preferable for feeding pigeons, being perfectly round and very small. We are offering especially fine grade. Price on application.

Charcoal (Granulated). Excellent for young and old chicks; should be kept constantly in reach of all chicks. Prevents sour crop. It is of uniform grade, carefully screened and free from dust. It aids digestion and promotes the health of fowls in every way.

50 lbs. \$2.25; 100 lbs. \$4.25.

Chick Food (Pratt's). A perfect food for young chicks.....14 lbs. \$1.35; 25 lbs. \$2.25.

Death-to-Lice Powder (Lambert's). For dusting fowls and nests.....48 oz. 50c.; 100-oz. pkg. \$1.00.

Drinking Founts. Philadelphia Galv. 1 qt. 60c. each; \$6.75 per doz.; 2 qts. 70c. each; \$7.75 per doz.; 4 qts. 90c. each; \$10.25 per doz.; 8 qts. \$1.15 each; \$13.25 per doz.

Hub Fountain. One side is flattened, so that it may be hung on the wall of the building or a post at any height. A hood projects over the water trough and protects the water from becoming contaminated.

Prices: 1-gal. size 85c. each; 2-gal. size \$1.10 each.

Grit, Shell and Feed Boxes. No. 1 Galv. Iron with 3 spaces \$1.50 each; No. 2 Galv. Iron with 3 spaces \$2.00 each.

Grit (Mica Crystal). To aid digestion it is necessary to feed some gritty material. Mica Crystal supplies this want better than any other article known. Coarse or fine.....25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Meat Scraps (or Poultry Meat). Manufactured for us by a reliable firm. Nothing but pure materials are used. Our stock is strictly fresh at all times. It is a great egg producer.....50 lbs. \$3.50; 100 lbs. \$6.50.

Millet. For feeding .....10 lbs. 75c.

Oyster Shells. Coarse and fine.....100 lbs. \$2.00.

Scratch Food. It is correctly prepared and composed of the best grain that can be procured, being all screened and particles of ground grain and dust taken out, leaving nothing but clean chopped grains. This food is mixed in proportion to make a well-balanced food .....100 lbs. \$4.75.

Pratt's Poultry Regulator.

12 lbs. \$1.75; 25 lbs. \$3.00; 50 lbs. \$6.00; 100 lbs. \$10.00.

Pratt's Disinfectant. For spraying poultry houses, stables, etc. ....½ gal. \$1.00; gal. \$1.75.

Pratt's Lice Killer (Liquid). For spraying nests, roosts, houses, etc. ....½ gal. \$1.00; gal. \$1.75.

Sunflower. For chickens or parrots; clean and well-filled seeds.

Lb. 15c.; 5 lbs. 65c.; 10 lbs. \$1.20; 25 lbs. \$2.75.

Tobacco Stems. For making nests for pigeons or poultry.....Small bale \$2.00; large bale, \$3.25.



# Novelties for 1921



## ASTER—Ostrich Plume

"Snow Queen." Many excellent strains of the popular Ostrich Plume Aster are on the market, but we question whether anything quite up to the level of this has yet been produced. The blooms are really magnificent, of splendid shape with very full centres, and of the purest snowy white. We can confidently recommend this novelty for garden decoration, for cutting, and especially for market garden purposes.....Pkt. 30c.

We offer a splendid lot of Asters on pages 32 and 33.

## BEGONIA GRACILIS

Pink Profusion. The profusely ramifying plants form strong bushes 9—10 inches high with thin stalks and small leaves. The fresh green, slightly brownish tinted foliage splendidly contrasts with the strong Lafrance-Rose color of the medium-sized flowers, which are produced in large loose tufts well above the leaves in such profusion, that a bed of these plants is covered with a sea of blossoms. This novelty will be very welcome equally for bedding purposes, for potting and for vases.

Pkt. 30c.

## BEGONIA SEMPERFLORENS

Flame of Love. The largest-flowering and most brilliant scarlet Begonia of the semperflorens type. Its blooms measure 1½ by 1 inch across and appear in dense clusters on short and solid stems well above the bright green brown-tinted foliage. The color of blossoms and buds is exactly alike, the most lustrous scarlet existing among Begonias. The effect of this striking color is decidedly heightened by the shining golden yellow of the prominent fasciculated stamens. Flame of Love attains a height of 1 foot and comes true from seed; it will doubtless prove very useful for all kinds of bedding purposes.....Pkt. 25c.

For other varieties of Begonias see page 33

## ANTIRRHINUM (MAJUS GRAND)

Evening Sky. A delicate orange Rose of the upper and lower lip, set off by a clear yellow mouth and white throat are the characteristics of this very beautiful novelty, making it a splendid addition to the already grand collection of Large-flowering Snapdragons, which at present belong to the most valuable flowers we possess for cutting purposes. The flowers of this lovely shade are of the finest form.....Pkt. 15c.

"Rose King." With this novelty we bring a new and distinct shade into the tall, large-flowered class of Snapdragons. The plant throws up a noble spike, bearing immense flowers of a brilliant carmine rose, deepening towards the center. Having no white throat or lip to modify the tint, a group in the border makes a glow of color of splendid effect.....Pkt. 35c.

"Torchlight." A splendid new snapdragon of stately habit, throwing long and massive spikes which show off to perfection the brilliant hue of flowers, a vivid orange with yellow center, slightly tinted with carmine above. The general effect is a rich glow which illuminates the border and will command attention wherever it is planted.....Pkt. 35c.

Do not overlook the Antirrhinums offered on page 31.

## LOBELIA ERINUS COMPACTA

Blue Bird. In view of the prominent position which the Lobelia justly occupies in garden decoration, we feel no apology is needed for introducing yet another good variety, especially as it fulfills the ideals which raisers of this beautiful plant have in mind, namely, a compact and bushy habit, combined with great freedom and continuity of bloom. This novelty possesses a distinct white eye, and forms in the mass a sheet of bright ultramarine blue which will be found most satisfactory and effective for all bedding schemes..Pkt. 30c.

For other Lobelias see page 44.

## MARIGOLD DWARF AFRICAN

"Orange Prince." Previous efforts of various raisers to produce an African Marigold lower in stature but with equally good blooms as the type have not as yet been very successful. We now, however, present a symmetrical and compact plant not exceeding about 2 feet in height, bearing from ground to summit large and well-formed flowers of a glowing orange, quite equal in size, shape, and quality to those of the finest tall varieties. The value of such an introduction is obvious, and we feel we can confidently predict for it a great measure of popular favor.....Pkt. 30c.

For other varieties of Marigolds see page 44.

## SUNBEAM POPPIES

Sunbeam Poppies. This new race is worth attention, brilliant and chaste color shades being wedded to great freedom of flowering and indisputable charm. They flower from May to October, cover a great variety of shades, and combine the virtues of the Oriental and Shirley Poppies .....Pkt. 35c.

See page 48 for other varieties of Poppies.

## SCHIZANTHUS

Garraway's Hybrids. A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors. Very effective and lasting when cut .....Pkt. 50c.

Wisetonensis "Pink Pearl." A delightful addition to this excellent class. In these the glistening white of the corolla is set off by a broad rosy-pink margin on the wing and lip petals, which, by the warmth of its tone, heightens their beauty immeasurably. As pot plants these new Schizanthus are unsurpassed for conservatory and indoor decoration.....Pkt. 40c.

We offer other Schizanthus on page 51.

## SUNFLOWER "DAZZLER"

Some showy sports are coming from the new break in the *Helianthus cucumerifolius*, and the present one is well worthy of perpetuation. Growing 3 to 4 feet high, the plant branches freely and bears flowers about 4 inches across, of a rich chestnut, tipped orange, with darker center, in general appearance somewhat resembling a *Gaillardia grandiflora*. Can be recommended to produce bold and striking effects in the annual border .....Pkt. 30c.

For other varieties of Sunflower, see page 54.

# Novelties for 1921—Continued

## NEW SWEET PEAS

### (Raiser's Description)

**Glory.** A particularly bright, glowing salmon cerise. The flowers are of enormous size, with great substance. It is unique and outstanding, far ahead of all other cerise colored Sweet Peas. The plant is very strong and vigorous, producing an abundance of four and five flowered sprays on extra long, stout stems. This gem is sure to be in great demand for exhibition. When cut this variety lasts a long time in good condition, and does not lose color in water.....Pkt. 30c.

**Gladys.** A lovely shade of pure lilac self without the objectionable rose tint; strong grower, free flowering, and nearly all fours.....Pkt. 40c.

**Mildred Howard.** A splendid new Sweet Pea, presenting a delightful combination of color, viz., a bright warm shade of pink on a cream or buff ground. The flowers are of giant size and the plant is an extra strong grower. No variety can surpass it for effect in the garden, or for table decoration, and it will certainly take a leading place wherever exhibited.....Pkt. 40c.

**Myrtle.** One of the most interesting novelties yet introduced. The half-open buds are the nearest to yellow yet seen. In the early stages the flowers are creamy yellow, and as the flowers develop there appears, as if by magic, a bright band of violet rose resembling a rainbow. When cut this variety makes a very effective and telling bunch. The large, wavy flowers are carried on long wiry stems.....Pkt. 30c.

**Picture.** In the opinion of practically all the experts and leading exhibitors, "Picture" marks the highest development and greatest advance up to date. Its size is such that the term "enormous" may be used with full justification, but it has more than mere size to its credit, for its form is superb, the outlines of the standards, wings, and keel, being in every respect those of the very finest Sweet Peas in existence. The stems are a perfect support for the blooms they carry. They have been cut at 22 inches, and practically two feet. Four blooms are about the minimum, sixes being frequent, and occasionally as many as eight perfect blooms have been carried on one stem. The color may be described as flesh pink with a rosy flush, the whole being fascinatingly suffused and shaded with creamy apricot; a most delightful and altogether enchanting combination of colors. Fragrance is pronounced and very sweet. "Picture" is the nearest approach to perfection yet obtained.....Pkt. 40c.

**Tangerine Improved.** This is a very bright selection, which appeared two years ago in this popular variety; a great advance on the old variety, being a stronger grower. The color is a bright glowing orange. Every exhibitor who wants to be in the front rank must grow this variety .....

For general collection of Orchid-Flowered and Grandiflora Sweet Peas, see pages 52 and 53.

## GIANT ZINNIA "ROSE KING"

To this splendid race of giant Zinnias we are pleased to be able to add a variety bearing flowers of a beautiful carmine rose tint, a color which did not hitherto exist in this section. The flowers are of immense size, probably surpassing those of any other Zinnia, often attaining a diameter of 6 to 7 inches. This grand new variety will be of highly ornamental effect in the gardens.

Pkt. 25c.

See page 55 for other varieties of Zinnias.

## NEW ROSES FOR 1921

**Crusader** (Montgomery). A big, strong-growing variety, robust and rugged in every characteristic. The growth is heavy and the flower stems are strong and heavy, producing very little blind wood. It is free growing and free flowering, and the blooms are truly characteristic of the variety—big and double, and, in color, a rich, velvety crimson.

	Doz.	Per 100.
2½ inch pots, own root.....	\$6.00	\$40.00
3 inch pots, own root.....	7.00	50.00
2½ inch pots, grafted.....	7.00	50.00
3 inch pots, grafted.....	8.00	60.00

"Frank W. Dunlop" (Dunlop). A seedling from Russell, which is a great improvement on that variety in all respects and particularly in its quick free growth and freedom from spot. The color is more brilliant than Russell; the form of the flower ideal, and no rose we know of shows such character as does Dunlop. The flower is very large; larger than Russell, from wood of equal strength.

	Doz.	Per 100.
2½ inch pots, own root.....	\$6.00	\$40.00
2½ inch pots, grafted.....	7.00	50.00

"Madam Butterfly" (Hill). In color a pleasing shade of pink, deepening to orange at the base of the petal. Is much more productive than Ophelia and is practically disease-proof. A rose absolutely without a fault. Foliage larger than Ophelia, and is a very quick-growing variety.

	Doz.	Per 100.
2½ inch pots, grafted only.....	\$7.00	\$50.00
3 inch pots, grafted.....	8.00	60.00

**Mrs. John Cook** (John Cook). White, suffused with delicate pink, describes the color of this strong-growing, big-flowered daughter of Ophelia. The color varies with the season, the flush of pink being more pronounced during cool weather, while the rose is almost white during the long days of bright sunshine. In bud white during the long days of bright sunshine. It is bigger and better in summer and, with its delicate pink in dark weather, it is a very charming color.

	Doz.	Per 100.
2½ inch pots, own root.....	\$6.00	\$40.00
3 inch pots, own root.....	7.00	50.00
2½ inch pots, grafted.....	7.00	50.00
3 inch pots, grafted.....	8.00	60.00

**Pilgrim** (Montgomery). In color, a beautiful shade of bright rose-pink. The bud, which opens perfectly, is long and of ideal form. It is the pink rose to grow.

	Doz.	Per 100.
2½ inch pots, own root.....	\$6.00	\$40.00
3 inch pots, own root.....	7.00	50.00
2½ inch pots, grafted.....	7.00	50.00
3 inch pots, grafted.....	8.00	60.00

General list of Roses offered on pages 64, 65 and 66.



# Waterer's Choice Flower Seeds

Our Flower Seeds are all procured from the best sources in America and Europe, and are of the very Highest Quality

## ABUTILON (Flowering Maple)

Perpetual flowering greenhouse shrubs of easiest cultivation, and invaluable for summer bedding or conservatory decoration. Seeds sown in March produce flowering plants the first season. 3 to 4 feet.

**Extra Choice Mixed.** Saved from a splendid collection, the colors include shades of white, yellow, pink and crimson ..... Pkt. 25c.

## ACHILLEA

Ptarmica, "The Pearl" (Double White Yarrow). One of the best hardy perennials; bears a profusion of small, double, white flowers during the entire season. Fine for cutting. Height, 2½ feet....Pkt. 25c.

## ACROCLINIUM

Very pretty annual, producing white and rose-colored daisy-like flowers. These are the "Immortelles," so desirable for winter bouquets. One foot.

Double mixed, pkt. 10c.; single mixed, pkt. 5c.

## AGERATUM (Floss Flower)

A hardy annual of easy culture, especially valuable for bedding, as it is literally covered with blossoms all summer. Sow the seed early in the spring, either in boxes to transplant, or out of doors, and thin to 4 or 6 inches.

**Blue Perfection.** Deep blue, 1 foot high...Pkt. 10c.

**Little Dorrit.** A perfect mass of blue flowers; plant is 6 inches high ..... Pkt. 10c.

"Little Blue Star." A very dwarf variety, densely covered with small, light-blue flowers.....Pkt. 25c.

**Princess.** Dwarf, light blue, white center; showy.

Pkt. 10c.

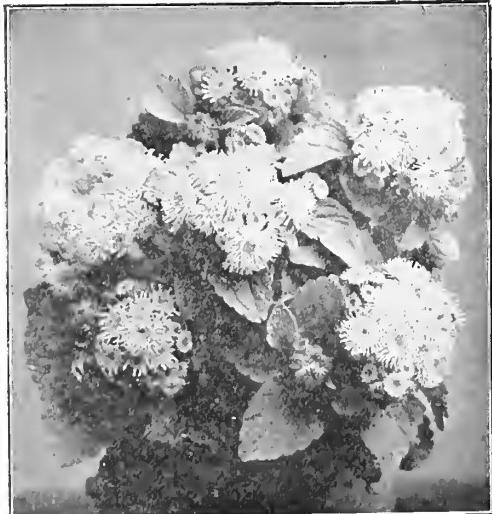
**Imperial Dwarf Blue.** Eight inches high, flowers blue ..... Pkt. 5c.

**Imperial Dwarf White.** Eight inches high, flowers white ..... Pkt. 5c.

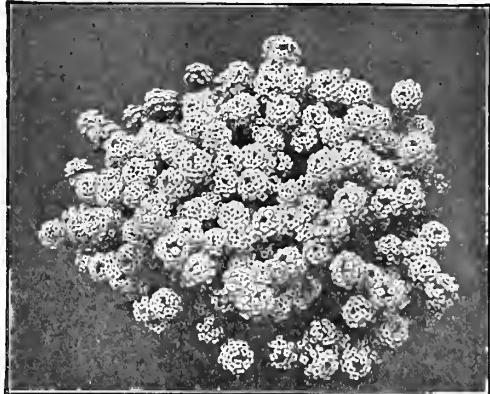
## AGROSTEMMA

**Coronaria** (Rose of Heaven, Mullein Pink). Hardy perennial. This plant has silvery white leaves and red flowers, borne on long slender stems; flowers resemble a single pink. Blooms the first season; fine for cutting; 2 feet.....Pkt. 5c.; ¼ oz. 20c.

**Coronaria Alba.** A pure white variety.....Pkt. 10c.



AGERATUM LITTLE DORRIT



ALYSSUM "LITTLE DORRIT"

## ALYSSUM

A fragrant, hardy annual, bearing spikes of small, white flowers in great profusion throughout the summer and autumn. Useful for borders or early bedding flowers.

"Little Dorrit." This variety forms a perfect little bush with miniature white rocket flowers. A perfect gem for borders or beds.....Pkt. 5c.; ¼ oz. 40c.

**Little Gem, or Carpet of Snow.** Pure white; grows only 4 inches high, and flowers profusely.

Pkt. 5c.; ¼ oz. 25c.; oz. 75c.

**Sweet Alyssum (A. Maritimum).** Of trailing habit; flowers white.....Pkt. 5c.; oz. 40c.

**Lutescens.** Of dwarf, compact habit, with yellow flowers; annual; 4 inches.....Pkt. 10c.; ¼ oz. 40c.

**Lilac Queen.** A distinct, new annual variety with pure lilac-colored flowers. The plants are of dwarf compact growth.....Pkt. 10c.; ¼ oz. 40c.

**Saxatile Compactum.** A pretty Alyssum for rock-gardens and for borders in perennial beds. The plants are 9 inches in height and spread freely, and produce masses of bright yellow flowers in early spring.

Pkt. 10c.; ¼ oz. 40c.

## AMARANTHUS

Hardy annuals, grown especially for their brilliant foliage.

**Caudatus (Love Lies Bleeding).** Light yellowish-green foliage; long, drooping, crimson flower spikes. Plant 3 to 4 feet high.....Pkt. 5c.

**Cruentus (Prince's Feather).** Tall spikes of feathery red flowers. Three feet.....Pkt. 5c.

**Tricolor (Joseph's Coat).** Plant 3 feet high, with brilliant leaves in variegated, red, yellow, green, etc.

Pkt. 5c.

**Tricolor Splendens.** Of more brilliant coloring than the old sort.....Pkt. 10c.

## ANCHUSA

**Capensis (Cape Forget-me-not).** A very pretty annual, blooming all summer. Large, forget-me-not-like flowers of purest blue, on slender stems with small foliage. Very attractive in beds and fine for cutting. Eighteen inches.....Pkt. 10c.; ¼ oz. 25c.

**Italica, Dropmore.** A lovely blue perennial, sometimes called the "summer forget-me-not." It blooms during May and June, and the large forget-me-not-like flowers of deep gentian-blue are produced in loose clusters on long spikes. Four feet...Pkt. 15c.; ¼ oz. 50c.

**ANEMONE (Windflower)**

Very pleasing hardy plants for the herbaceous border. Fine large flowers. Excellent for bouquets and table decoration.

Coronaria, Mixed colors .....	Pkt. 10c.
St. Brigid. A beautiful selection, comprising semi-double and double flowers.....	Pkt. 15c.

**GIANT-FLOWERED ANTIRRHINUM  
(Snap Dragon)**

This old favorite is one of the most beautiful and useful border plants of our gardens. Its graceful flowers are borne on long stems and in the greatest diversity of colors. The spikes of flowers are most brilliant and showy. Tall, large-flowered varieties; valuable for cutting, grows about 3 feet in height.

	Large	
	Pkt.	Pkt.
Giant Garnet .....	\$0.10	\$0.25
Giant Pink .....	.10	.25
Giant Rose .....	.10	.25
Giant Scarlet .....	.10	.25
Giant White .....	.10	.25
Giant Yellow .....	.10	.25

Collection Giant Antirrhinums. Six separate colors, 50c.

**Giant-Flowering Finest Mixed Colors.** An elegant assortment of innumerable rich colors and shades.

Pkt. 10c.  $\frac{1}{4}$  oz. 25c.

**Feltham Beauty.** Deep rose-pink, white center; very large flower ..... Pkt. 25c.

**Pink Beauty.** Deep rose-pink self. enormous blossoms ..... Pkt. 25c.

**Silver Pink.** Original packet.....\$1.00.

**Oakledge Favorite.** Giant pink, white-throated. Flowers of immense size; fine deep-pink color and produced in great abundance ..... Pkt. \$1.00.

**ANTIRRHINUM (Half-Dwarf Varieties)**

These half-dwarf varieties of snapdragon grow about 20 inches in height and produce spikes of flowers of the largest size.

	Large	
	Pkt.	Pkt.
Daphne. Soft blush pink .....	\$0.10	\$0.30
Defiance. Orange red .....	.10	.30
Firebrand. Rich deep red .....	.10	.30
Golden Queen. Rich yellow .....	.10	.30
Mont Blanc. Pure white .....	.10	.30
Rose Queen. Rich rose .....	.10	.30
Collection. A packet each of the above six sorts, 50c.		
Half-Dwarf Mixed. All colors.		
	Pkt. 10c.; $\frac{1}{4}$ oz. 35c.	
Nelrose. Glowing pink.....		Pkt. 25c.

**ARABIS (Rock Cress)**

**Alpina.** Early spring flowering plants especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; perennial; May; 6 inches.....Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**ARCTOTIS (African Daisy)**

**Grandis.** A remarkably handsome annual which forms bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, embellished with a narrow yellow zone at their base; the reverse of petals, pale lilac-blue..Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.



**ANTIRRHINUM (HALF DWARF)**

**AQUILEGIA (Columbine)**

Hardy perennial of great beauty. The long-spurred type gives elegant cut flowers. If sown in summer, plants will be ready by autumn for transplanting to the border to flower next May and June.

	Large	
	Pkt.	Pkt.
<b>Long-Spurred Hybrids.</b> Our hybrids comprise the best and brightest colors. The strain includes shades of blue, mauve, lavender, pink, scarlet, orange, yellow and white, of the large-flowered and long-spurred forms.....	\$0.15	\$0.40
<b>Coerulea.</b> One of the finest varieties, pale blue and white flowers; 2 feet....	.15	.40
<b>Chrysanthia.</b> Golden yellow; 2 feet...	.15	.40
<b>Chrysanthia Alba.</b> White .....	.15	.40
<b>Gladulosa Vera.</b> Large, erect blue flowers; pure white corolla; elegant for pot culture; 2 feet.....	.25	....
<b>Californica Hybrida.</b> Large yellow flowers; dark orange spurs .....	.10	.30
<b>Double Mixed</b> .....	.05	.20

**ASPARAGUS**

**Plumosus Nanus.** An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely-cut foliage; will remain fresh a long time after being cut....Pkt. 25c.; \$1.00 per 100 seeds.

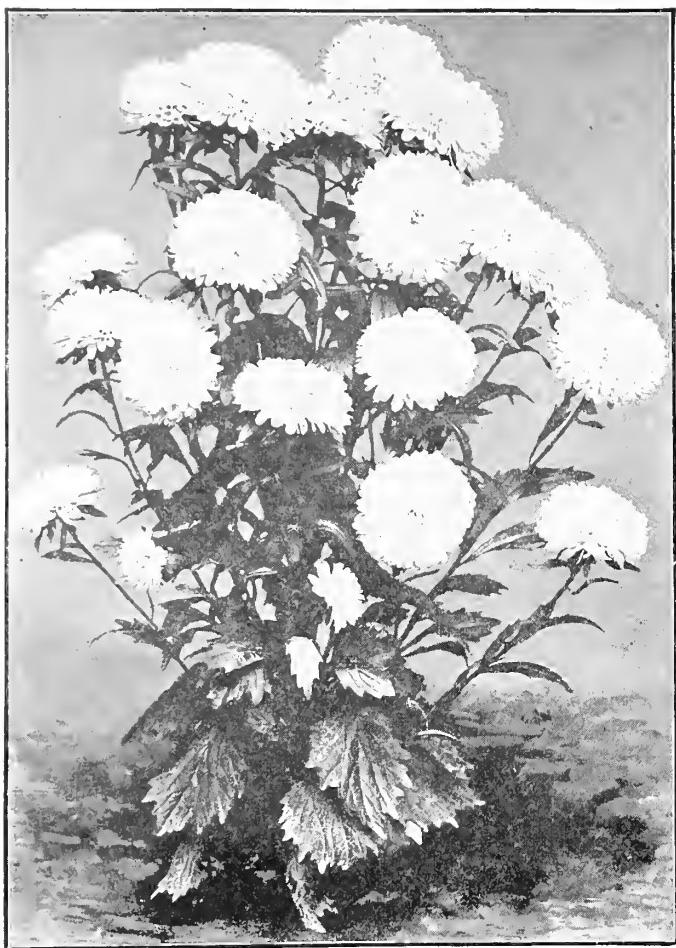
**Sprengeri.** One of the best plants to grow in hanging baskets or window boxes for the greenhouse in winter or for outdoors in summer.

Pkt. 10c.; 50c. per 100 seeds.

**ASPERULA**

**Azorea Setosa.** A splendid annual; grows about 9 inches high and covered throughout the summer with light lavender-blue, fragrant flowers; excellent for cutting .....

Pkt. 5c.



### ASTERMUM ASTERS

Elegantly formed flowers, with long petals curiously entwined and intermixed, forming a shaggy mass resembling the finer types of Japanese chrysanthemums; long stems.

	Pkt.	Pkt.	Large
White	\$0.15	\$0.50	
Rose Pink	.15	.50	
Lavender	.15	.50	

### IMPROVED VICTORIA ASTERS

We recommend this type especially for bedding. The flowers are of large size, very double, and remain in bloom a long time. 1½ feet.

	Pkt.	Pkt.	Large
White	\$0.10	\$0.40	
Salmon Pink	.10	.40	
Fiery Scarlet	.10	.40	
Light Blue	.10	.40	
Dark Blue	.10	.40	
Finest Mixed	.10	.40	

### QUEEN OF THE MARKET ASTERS

About two or three weeks earlier than most other Asters. They bloom profusely and are of graceful habit. The perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting.

	Pkt.	Pkt.	Large
White	\$0.10	\$0.30	
Pink	.10	.30	
Rose	.10	.30	
Lavender	.10	.30	
Purple	.10	.30	
Finest Mixed	.10	.30	

### WATERER'S SUPERB ASTERS

Our Asters are of the most improved and finest types. They bloom profusely during August and September, are fine for cutting, and very showy in beds.

### GIANT COMET ASTERS

An ideal class for cut flowers, being not only most profuse bloomers, but each individual flower is borne on a stiff stem and resembles an exquisitely curled and twisted Japanese chrysanthemum; 2 feet.

	Pkt.	Pkt.
White	\$0.10	\$0.40
Pink	.10	.40
Rose	.10	.40
Lavender	.10	.40
Purple	.10	.40
Finest Mixed	.10	.40

### ROCHESTER ASTERS

Magnificent. Chrysanthemum-like flowers, extremely double and very large. The long, narrow petals form a wonderfully shaggy mass that cannot be equaled for richness of effect.

Rochester White.	Snow white	Pkt. 20c.
Rochester Pink.	Shell pink	Pkt. 20c.
Rochester Lavender		Pkt. 20c.
Rochester Purple.	Rich shade of deep purple.	Pkt. 20c.

Collection. One packet each of the four colors, 70c.

### OSTRICH FEATHER ASTERS

Extremely graceful Aster, with large feathery heads similar to the Comet, but with longer and more wavy petals; 1½ feet.

White	Pkt. 10c.
Rose	Pkt. 10c.
Crimson	Pkt. 10c.
Light Blue	Pkt. 10c.
Dark Blue	Pkt. 10c.
Salmon Pink	Pkt. 10c.
Collection.	One packet each of the six colors, 50c.
Finest Mixed	Pkt. 10c.

### KING ASTERS

A beautiful and distinct type of branching Asters, with long stems and flowers of largest size. The blooms are round and full; the petals, folded lengthwise, almost needle shaped, give the flower a bold and striking appearance.

Violet King.	Soft violet lilac	Pkt. 15c.
White King.	Pure white	Pkt. 15c.
Rose King.	Bright rose	Pkt. 15c.
Lavender King.	Deep lavender	Pkt. 15c.
Pink King.	Soft blush pink	Pkt. 15c.
Collection.	One packet each, King Asters	65c.



VICTORIA ASTER



LATE-BRANCHING ASTER

## GIANT LATE BRANCHING ASTERS

One of the finest Asters grown. It has size, vigor, fine stems, beauty of form to recommend it and, while not so early as many of the other varieties, it stands at the head of the list both for the home garden and as a florist's flower.

	Pkt.	Large Pkt.	Oz.
Lavender	\$0.10	\$0.40	\$2.00
Purple	.10	.40	2.00
Rose Pink	.10	.40	2.00
Shell Pink	.10	.40	2.00
White	.10	.40	2.00
Finest Mixed	.10	.40	2.00

## ROYAL ASTERS

One of the best early-flowering sorts. It is quite similar, in type of flower, to the Late Branching, but will come into bloom only about a week later than Queen of the Market. Very desirable for beds or borders and an excellent variety for cutting.

Lavender	Pkt.	15c.
Purple	Pkt.	15c.
Rose	Pkt.	15c.
Shell-Pink	Pkt.	15c.
White	Pkt.	15c.

Collection. One packet each, 5 colors, 60c.

## HARDY PERENNIAL ASTERS

(Michaelmas Daisies.) Single flowering, hardy herbaceous plants, thriving in any good garden soil. Large

	Pkt.	Pkt.
Large Flowered Mixed	\$0.10	\$0.30

## BALSAM (LADY SLIPPER)

## Double Camelia Flowered

An easy-growing annual of quick growth, very desirable for garden or pot culture. Set 15 inches apart in rich soil.

	Pkt.	Pkt.
Light Yellow	\$0.10	\$0.30
Pure Scarlet	.10	.30
Violet	.10	.30
White Perfection (Alba Perfecta)	.10	.30
Salmon King. Rich salmon pink	.10	.30
Finest Mixed	Pkt. 10c.; $\frac{1}{4}$ oz.	25c.

Collection. Eight varieties, 50c.

## BALLOON VINE

A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons...Pkt. 5c.; oz. 25c.

## BEGONIAS

## Everblooming Bedding Varieties

A continuous-flowering section of begonias of the greatest value for bedding; the flowers are of brilliant colors and borne in great profusion from summer to autumn.

*Gracilis Luminosa.* Large bright scarlet flowers. Reddish brown foliage ..... Pkt. 25c.

*Gracilis Prima Donna.* Forms a broad, full bush with dense foliage. The flowers are a brilliant clear pink, shading to carmine rose..... Pkt. 25c.

*Dwarf Vernon.* A fine sort for edgings, etc., with rich, red flowers and bronze foliage..... Pkt. 25c.

*Magnifica.* Dark bronzo foliage, with bright crimson flowers ..... Pkt. 25c.

*Salmon Queen.* Brilliant salmon-rose, foliage dark green, with reddish hue..... Pkt. 25c.

*Gloire de Chatelaine.* A very attractive plant. The flowers are brilliant pink and being a perpetual bloomer it makes a charming bedding or house plant. Pkt. 25c.

*Semperflorens Mixed.* Dwarf, compact, very free blooming, elegant for bedding ..... Pkt. 10c.

## BELLIS (English Daisy)

Pkt. Largo

The Bride. A fine, very double, free-flowering, pure white ..... \$0.10 Pkt. \$0.40

Longfellow. Large, double pink flowers .10 .40

Snowball. Large and very double pure white ..... .10 .40

Giant Red. Beautiful and densely double flowers ..... .25 .75

Giant Rose. Bright rose ..... .25 .75

Giant White. Pure white ..... .25 .75

Double Mixed. Selected strain of the finest quality ..... .10 .40

## BRACHYCOME (Swan River Daisy)

Brilliant, free-flowering hardy annual, suitable for beds or borders. Cineraria-shaped, blue or white flowers; 9 inches.

Mixed ..... Pkt. 5c.;  $\frac{1}{8}$  oz. 20c.

## BROWALLIA

Handsome annuals, with blue or white flowers; fine for garden beds in summer or pot culture in winter; 1½ feet.

*Speciosa Major.* A beautiful flowering variety of brilliant ultramarine blue; does finely outside in the border or in hanging baskets or in vases.... Pkt. 25c.

Elatia Mixed. Blue and white ..... Pkt. 5c.

## CACALIA (Tassel Flower)

Pretty, free-flowering, hardy annual, producing trusses of showy, tassel-like yellow and scarlet flowers; 1½ feet ..... Pkt. 5c.;  $\frac{1}{8}$  oz. 20c.



BELLIS (ENGLISH DAISY)

## CALCEOLARIA

A tender perennial used largely for the decoration of the greenhouse and conservatory.

**Covent Garden Strain.** Extra choice, strongly recommended both for habit, also size and markings of flowers ..... Pkt. 50c.

**Profusa Clibrani.** Flowers light and graceful in habit, and the sprays of rich golden-yellow are very lasting ..... Pkt. 50c.

**Rugosa, Mixed (Shrubby).** Small flowering varieties, for bedding, of the finest colors; 15 inches....Pkt. 50c.

## CALENDULA OR POT MARIGOLD

One of the best and showiest free-flowering annuals. Will grow in any good garden soil and produce a fine effect in beds and mixed borders. Valuable also for pot culture, blooming in the winter and early spring. One foot high.

	Pkt.	Largo	Pkt.	Oz.
<b>Lemon King.</b> Lemon-yellow	\$0.05		\$0.15	\$0.30
<b>Meteor.</b> Yellow-striped orange	.05		.15	.30
<b>Orange King.</b> Dark orange-red	.05		.15	.30
<b>Prince of Orange.</b> Orange, slightly striped with yellow.....	.05		.15	.30
<b>Pure Gold.</b> Golden yellow....	.05		.15	.30
<b>Mixed</b> .....	.05		.15	.25

## CALLIOPSIS

Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers which are greatly prized for bouquets and vases.

**Golden Wave (Drummondii).** A very showy sort; large yellow flowers with dark-brown center; 1½ feet. Pkt. 5c.; ¼ oz. 20c.

**Beauty.** Dwarf compact plants, about 8 inches high, covered with flowers, golden yellow, crimson center, fine for pots or borders ..... Pkt. 15c.

**Nigra Speciosa.** Rich crimson maroon; 2 feet. Pkt. 5c.; ¼ oz. 20c.

**Crimson King.** Height, 7 to 8 inches, forming a perfect little bush; covered with rich dark crimson flowers ..... Pkt. 10c.; ¼ oz. 50c.

**Mixed.** All the choicest sorts; 1 to 2 feet high. Pkt. 5c.; ¼ oz. 15c.



CALLIOPSIS BEAUTY



CANTERBURY BELLS

## CAMPANULAS OR BELLFLOWERS

(Perennial Varieties)

Bell-shaped flowers, well known and easily grown; useful for flower border, shrubbery or wild garden.

**Carpatica (Carpathian Harebell).** Free-flowering, blue, continuing in bloom the whole season; 6 inches. Pkt. 10c.

**Carpatica Alba.** The white-flowered form of the above ..... Pkt. 10c.

**Persicifolia Grandiflora (Peach Bells).** One of the finest of the hardy bellflowers; grows 2 to 3 feet high, with large blue flowers..... Pkt. 15c.

**Persicifolia Alba.** White-flowered Peach Bell. Pkt. 15c.

**Pyramidalis (The Chimney Bellflower).** A beautiful, stately plant; for garden or pot culture; blue flowers. Pkt. 10c.

**Pyramidalis Alba.** White flowers..... Pkt. 10c.

## CANTERBURY BELLS

Hardy biennials. Sow in summer, transplant to a bed in autumn for flowering the following year. They also make effective pot plants for spring flowering, sown in summer and potted in autumn, and kept in a cool frame through winter.

**Calycanthemum (Cup and Saucer Canterbury Bells).** This is the finest type of this old-fashioned and much prized garden plant.

	Pkt.	Large	
Rose.	Delicate rose-pink .....	\$0.15	\$0.50

Blue.	A fine, clear shade .....	.15	.50
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White.	Pure white .....	.15	.50
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Mixed.	Cup and Saucer type.....	.15	.50
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**Godfrey's Superb.** The colors are very varied in about ten shades of white, blush, rose, deep pink, mauve, blue, lavender, lilac and violet..... Pkt. 50c.

Single Varieties—Rose .....	\$0.10	\$0.30
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White .....	.10	.30
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Blue .....	.10	.30
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**Superb Mixed.** All shades of color; a fine assortment of both singles and doubles .....

.10	.30
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## CANARY-BIRD VINE

(*Tropaeolum Canariense*)

A rapid-growing, climbing annual, producing an abundance of pretty, fringed, bright yellow flowers, bearing a fancied resemblance to a bird with wings expanded ..... Pkt. 5c.; oz. 35c.

## CARDINAL CLIMBER

A beautiful annual vine of rapid growth. The cardinal-red flowers resemble those of the cypress vine, but are much larger, and are produced in great quantities continuously through the summer. Splendid for covering stumps and trellises; 20 to 30 feet..... Pkt. 15c.



CANDYTUFT, GIANT HYACINTH FLOWERED

### CANDYTUFT (Iberis)

A hardy annual of easy culture, and valuable for edging, bedding, massing or for cutting; free flowering; 1 foot.

Giant Hyacinth Flowered.	Immense pure white spikes.....	Pkt. 10c.; $\frac{1}{4}$ oz. 25c.; oz. 75c.
Empress.	Large flowered white sort.	Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; oz. 60c.
Carmine.	Bright carmine-rose.....	Pkt. 5c.; oz. 40c.
Crimson.	Rich, deep shade.....	Pkt. 5c.; oz. 40c.
Lavender.	Delicate shade of rosy lavender.	Pkt. 5c.; oz. 40c.
Finest Mixed.	All colors .....	Pkt. 5c.; oz. 25c.

### HARDY CANDYTUFT (Iberis)

Iberis Sempervirens. A profuse white blooming hardy perennial, coming in flower early in the spring; much used for rockeries, etc..... Pkt. 15c.

Iberis Gibraltarica. Lilac, shading white flowers, very fine..... Pkt. 15c.

### CARNATIONS

The varieties we list here are best treated as annuals, although they will live over winter and flower again next season by giving slight protection with leaves or straw. From seeds sown in early spring plants begin flowering in July or August, and continue until frost.

		Large
Marguerite Carnation.	Pkt.	Pkt.
Pure White .....	\$0.10	\$0.40
Yellow .....	.10	.40
Scarlet .....	.10	.40
Deep Crimson .....	.10	.40
Choice Mixed .....	.10	.40
Giant Marguerite. An improved strain, producing flowers of immense size; mixed colors .....	.15	.50

Chabaud's Everblooming. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely; mixed colors..... Pkt. 25c.

### CELOSIA (Cockscomb)

The dwarf cockscombs are showy in the border. The feathered or plumed varieties are especially attractive in large beds, and are useful for cutting. The flowers retain their color even when dry, and can be used in winter bouquets.

### CELOSIA CRISTATA (Cockscomb)

Crimson Exhibition. From prize flowers and enormous combs .....

Pkt. 25c.

Empress. Bright crimson, rich and velvety..Pkt. 10c.



CELOSIA CRISTATA (COCKSCOMB)

### CELOSIA PLUMOSA (Feathered)

Thompson's Superb. About 2½ feet in height, with a feathery plume of the most brilliant red....Pkt. 10c.

Thompsoni Magnifica. Colors range from the clearest yellow to the darkest blood-red..... Pkt. 10c.

Deep Crimson .....

Deep Golden Yellow .....

Collection. Six colors, separate, 50c.

Plumosa. Finest mixed. ....Pkt. 5c.;  $\frac{1}{4}$  oz. 25c.

Chinese Woolflower (Celosia Childsii). A very odd and beautiful variety, with large, globular heads like balls of wool; of bright red color..... Pkt. 15c.



CELOSIA PLUMOSA



CENTAUREA IMPERIALIS

**CENTAUREA IMPERIALIS (Giant Sweet Sultans)**

These are splendid flowers for cutting—long-stemmed, exquisitely fringed, most graceful in appearance, and delightfully fragrant. The most beautiful colors are found among them. Easy to grow, flowering freely from Juno until frost; 2 to 3 feet.

Large

	Pkt.	Pkt.
White .....	\$0.10	\$0.25
Purple .....	.10	.25
Rose .....	.10	.25
Brilliant Rose .....	.10	.25
Delicate Lilac .....	.10	.25
Deep Lavender .....	.10	.25
Choice Mixed .....	.10	.25
Collection. One packet each of the six colors,	50c.	

**CORNFLOWERS (Centaurea Cyanus)**

Also known as Bachelor's Buttons, Bluet, Ragged Sailor and Bluebottle. Extremely showy in the garden and fine for cutting. They are easy to grow, take care of themselves, bloom continuously, and even come up again the next year from the seed that has dropped in the ground.

Large

	Pkt.	Pkt.
Single Blue. Deep blue.....	\$0.05	\$0.20
Single Mixed. Blue, white, rose.....	.05	.20
Double Blue. A selection of the old-fashioned blue variety with larger and very double flowers of true blue color.		
Finest for cutting .....	.10	.30
Double Mixed .....	.10	.25

**VARIOUS CENTAUREAS**

**Americana** (Basket Flower). A splendid native variety, growing 3 feet high and bearing immense, thistle-like blooms of a rosy lavender color. Very showy in the mixed border and splendid for cutting....Pkt. 10c.

**Suaveolens** (Yellow Sweet Sultan, or Grecian Cornflower). Very showy, large bright yellow flowers; sweetly scented .....

Pkt. 10c.

**WHITE-LEAVED CENTAUREAS  
(Dusty Millers)**

Fine for bedding, vases and pots; also extensively used for borders or edgings.

**C. candidissima**. Silvery white; leaves broadly cut; 1 foot .....

Pkt. 10c.; 500 seeds 30c.

**C. gymnocarpa**. Fine-cut silvery foliage; 1½ feet.

Pkt. 10c.; 500 seeds 25c.

**CERASTIUM (Snow in Summer)**

**Tomentosum**. Hardy perennial, valuable for edgings and rockeries; silvery foliage, flowers white.. Pkt. 15c.

**CHRYSANTHEMUMS (Annual Varieties)**

Very free-flowering, beautiful annuals, showy in the garden, and fine for cutting. The beautiful and varied colors in which they appear make them especially attractive in the garden.

**Evening Star**. Large, golden-yellow flowers, 3 inches across; excellent for cutting....Pkt. 10c.; ¼ oz. 25c.

**Northern Star**. Giant white flowers with black center.....Pkt. 10c.; ¼ oz. 25c.

**Inodorum Snowball**. Double white flowers which are produced from mid-summer till frost. Fine for cutting. Pkt. 10c.

**Coronarium Double Mixed**. Yellow, white, etc.

Pkt. 5c.; oz. 40c.

**Single Mixed (Painted Daisies)**.

Pkt. 5c.; oz. 40c.

**PERENNIAL CHRYSANTHEMUMS**

**Shasta Daisy**. A perennial variety with large white flowers on long stalks. When sown very early under protection the flowers often appear before summer is over.....Pkt. 15c.

**King Edward VII**. Single. A splendid large-flowered variety. The flowers are pure white, and borne on long stiff stalks well above the foliage.....Pkt. 15c.

**CINERARIA**

Our strains of this showy greenhouse plant are of acknowledged superiority, the very choicest strains, from a prize European collection, containing only the best colors.

**Prize Exhibition Strain**. Improved habit, extra fine colors, with plenty of selfs and various shades of rose. Pkt. 50c.

**Matchless**. Very fine strain, contains many new colors, vigorous and compact growth, flowers large and petals very solid.....Pkt. 75c.

**Matador**. Fine glowing scarlet.....Pkt. 50c.

**Stellata Feltham Beauty**. A great improvement on the old variety, beautiful mixture of many colors. Pkt. 35c.

**CINERARIA****White-Leaved Varieties (Dusty Millers)**

**Maritima Candidissima**. Silver-green laciniate foliage .....

Pkt. 5c.; ¼ oz. 25c.



CINERARIA

**CLARKIA (Elegans)**

Our double Clarkias are very fine, and can be grown successfully in any garden soil. They flower profusely on long stems, and are exceedingly bright and attractive, especially in masses. Clarkias have become very popular of late and are grown extensively in the greenhouse during the winter; 2 to 2½ feet.

	Pkt.	Large Pkt.
Double Brilliant. Rich crimson scarlet	\$0.10	\$0.30
Double Salmon Queen. Salmon-pink..	.10	.30
Double Scarlet Queen. Brilliant orange-scarlet .....	.10	.30

**COBÆA**

**Scandens.** Popular climber of rapid growth. Large, purple, bell-shaped flowers appear in great profusion during the fall months; 20 feet.. Pkt. 10c.; ¼ oz. 25c.

**Scandens Alba.** Pure white ..... Pkt. 10c.

**COLEUS**

**Finest Varieties.** in splendid mixture..... Pkt. 35c.

**CONVOLVULUS MINOR**

(Dwarf Convolvulus)

Remarkably showy plants, with exceedingly handsome rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect.

**Tricolor, Finest Mixed.** One foot.. Pkt. 5c.; oz. 20c.

**CONVOLVULUS MAJOR**

(Climbing Morning Glory)

Splendid for covering wire trellises, arbors and verandas.

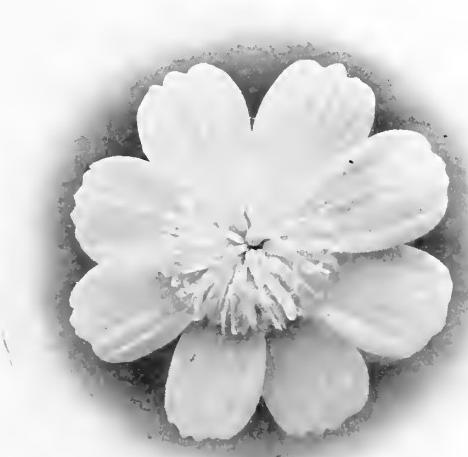
**Single.** All colors mixed..... Pkt. 5c.; oz. 20c.

**Collection.** Eight varieties, 50c.

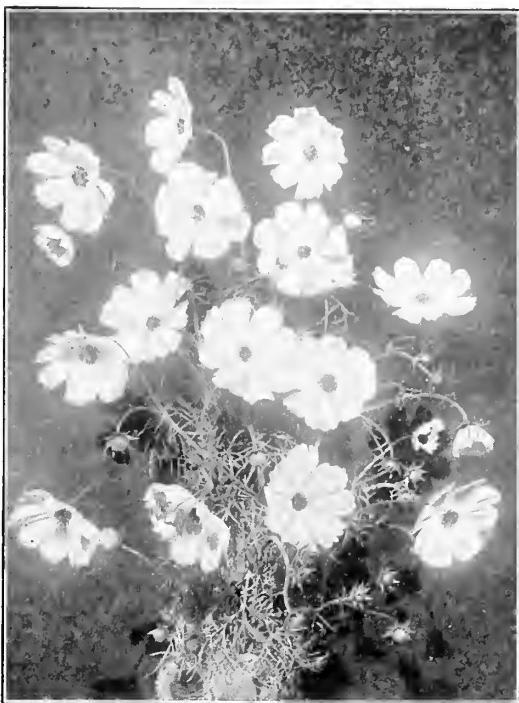
**COREOPSIS**

**Grandiflora.** Yields a profuse and long-continued succession of large, golden-yellow flowers during the whole of the summer months. Hardy perennial.

Pkt. 10c.; ¼ oz. 25c.



DOUBLE COSMOS



COSMOS

**COSMOS**

Beautiful autumn flowers, fine for cutting, and extremely showy in the garden. Our Giant Lady Lenox grows 7 feet high, and begins blooming in September. We offer a fine strain of Giant Early-flowering Cosmos which grow but 4 feet high, begin blooming in July and continue until frost.

**GIANT LATE-FLOWERING, OR LADY LENOX**

Huge flowers often measuring 5 inches across, on long stems.

**Pink**..... Pkt. 10c.; ¼ oz. 25c.; oz. 75c.

**White**..... Pkt. 10c.; ¼ oz. 25c.; oz. 75c.

**Mixed**..... Pkt. 10c.; ¼ oz. 20c.; oz. 60c.

**Klondyke.** A late-blooming variety with golden-yellow flowers ..... Pkt. 10c.

**GIANT EARLY-FLOWERING**

From seeds sown about end of April, plants begin to bloom in July and continue until frost.

**White**..... Pkt. 10c.; ¼ oz. 30c.; oz. \$1.00.

**Pink**..... Pkt. 10c.; ¼ oz. 30c.; oz. \$1.00.

**Crimson**..... Pkt. 10c.; ¼ oz. 30c.; oz. \$1.00.

**Mixed**..... Pkt. 10c.; ¼ oz. 25c.; oz. 75c.

**DOUBLE COSMOS**

These beautiful new Cosmos are most striking in color. A large percentage come true from seed both as to color and doubleness. The singles which the strain produces are also very beautiful.

**Pink Beauty, White Queen, Crimson Queen.**

Each, pkt. 20c.

**CYPRESS VINE (Ipomoea Quamoclit)**

One of the most beautiful climbers, with light, graceful, delicate foliage and bright flowers; 15 feet.

**Scarlet** ..... Pkt. 5c.; oz. 40c.

**White** ..... Pkt. 5c.; oz. 40c.

**Mixed.** White and scarlet..... Pkt. 5c.; oz. 30c.

## HOSEA WATERER, PHILADELPHIA



### CYCLAMEN

Giganteum, or Grandiflorum. The very choicest strain of this beautiful flower obtainable. Flowers of the largest size and most brilliant colors.

	Pkt.	100 Seeds
Blood Red .....	.50	\$2.50
White, with Dark Eye.....	.50	2.50
White Swan, Pure White.....	.50	2.50
Bright Rose .....	.50	2.50
Vulcan. Deepest red.....	.50	2.50
Butterfly, Papilio or Victoria Cyclamen. Very large flowers with fringed and fluted petals, the edges being distinguished by colorings which differ from that of the body of the flower .....	.50	
‘Cherry Ripe.’’ The brightest red cyclamen in cultivation. The habit is most free flowering.....	1.00	
‘Mrs. Buckston.’’ A real salmon shade of color, a lovely tint, somewhat more delicate than found in ‘Salmon King’ .....	1.00	
‘Pink Pearl.’’ This is the most free flowering of all the cyclamen. Color a lovely pale salmon; foliage hard and prettily tessellated .....	1.00	
Salmon King. Salmon-pink. Very fine..	.75	
Finest Mixed .....	.40	1.50

### DAHLIAS

Very easily grown from seed, all classes coming quite true from seed, and supply magnificent colors. In the garden these seedling dahlias bloom as early and freely as the plants grown from tubers. The seed we offer has been saved from a superb collection of the finest-named varieties. Half-hardy perennial.

Giant Peony-flowered, Mixed. Saved from finest blooms .....

Double Large-Flowered, Finest Mixed. Saved from the finest sorts.....

Double Cactus-Flowered. Finest mixed.....

Single Mixed. Large, showy flowers.....

Single Giant Perfection. Flowers of immense size, averaging 6 inches across. Finest mixed.....

### DATURA (Trumpet Flower)

Ornamental annuals of rapid growth, with large trumpet-shaped, fragrant flowers; 3 feet.

Cornucopia (“Horn of Plenty”). Flowers white inside, purple outside .....

Fastuosa Huberiana. Large double flowers of various colors .....

### DELPHINIUM (Perennial Larkspur)

One of the most showy and useful hardy perennial plants, producing splendid spikes of flowers in profusion throughout the summer.

Large-Flowered Hybrids. Mixed, choicest, all shades of blue from best-named varieties only.

Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

Belladonna. Clear turquoise blue.....

Belladonna “Cliveden Beauty.” A great improvement on original variety.....

Cardinale. Bright scarlet, with yellow center.Pkt. 25c.

Chinense. A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian blue .....

Chinense Album. The white-flowered form of the preceding .....

Formosum. Splendid dark-blue flowers with a white center .....

Elatum hybridum fl. pl. Double varieties; finest mixed .....

### DIGITALIS (Foxglove)

Showy, hardy perennials of easy culture. As a background in a shrubbery, or as specimen plants in large beds, they are equally striking and effective. Sow in July for strong flowering plants the following season.

Spotted Varieties. A superb mixture, containing a wonderful range of colors.....

Monstrosa. Long spikes, surmounted by one enormous flower, all colors mixed.....

Gloxiniaeflora Mixed. Large, spotted, gloxinia-like flowers, produced on long spikes; 3½ to 5 feet.

Pkt. 10c.

### DRACÆNA

Indivisa. Beautiful ornamental-leaved plants, long, narrow, green foliage; indispensable for vases and house decorations .....

Pkt. 10c.

### DIANTHUS (Hardy Garden Pinks)

These form low, bushy, tufted plants, above which are produced on long stems the beautiful fringed and fragrant flowers so valued in “old-fashioned” gardens. For permanent beds and borders these Pinks are unrivaled.

Plumarius, Single Mixed (Pheasant’s Eye Pink). Large, single, fringed flowers, beautifully marked in many colors .....

Plumarius, fl. pl. (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors.

Pkt. 10c.

Semperflorens (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color.....

Pkt. 25c.

Latifolius atrooccineus fl. pl. Hardy perennial. A hybrid between the China Pink and Sweet William. The heads of rich crimson flowers are quite double. Will flower first season from seed.....

Pkt. 15c.



DIANTHUS, "SNOWDRIFT"

## DIANTHUS, OR PINKS

Few flowers can equal these in beauty and profusion of bloom. They comprise many beautifully marked varieties of rich and varied colors. All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost is past, and will in a short time become a mass of bloom, and so remain all summer. Elegant as cut flowers for bouquets, as the stems are good. Grow about 1 foot high, and are of easiest culture.

## DOUBLE ANNUAL PINKS

*Chinensis* fl. pl. (China, or Indian Pink). Blooms in clusters, flowers very double and bloom in a large range of bright colors.....Pkt. 5c.

*Diadematis* fl. pl. (Double Diadem Pink). Beautiful double flowers; mixed of various tints of lilac, crimson, purple; outer edges fringed.....Pkt. 10c.

*Fireball*. Extra double brilliant dark scarlet, very beautiful .....Pkt. 10c.

*Laciniatus* fl. pl. (Double Fringed Pink). Large double flowers, edges fringed; in a great variety of colors .....Pkt. 10c.

*Lucifer*. Brilliant orange-scarlet, flowers measuring about 2 inches across; very dazzling and popular variety; nicely fringed .....Pkt. 15c.

*Mirabilis* fl. pl. (Double Marvelous Pink). Large, fringed double flowers on long, stiff stems, the colors ranging from pure white through all the shades of rose to dark crimson .....Pkt. 10c.

*Mourning Cloak*. Flowers very dark velvety crimson, each petal being strikingly edged white .....Pkt. 10c.

*Salmon King*. Brilliant salmon-rose.....Pkt. 10c.

*Snowdrift*. Large double white; excellent for border or cutting .....Pkt. 10c.

*Collection*. One packet each of the above, 75c.

*Imported Collection* of China and Japan Pinks, 12 varieties .....75c.

DIANTHUS, OR PINKS  
SINGLE ANNUAL PINKS

These single sorts contain many beautiful varieties, flowers often measuring 2 to 3 inches in diameter, and are very effective for borders or beds; 1 foot.

*Crimson Belle*. Rich crimson.....Pkt. 10c.

*Eastern Queen*. Delicately marbled rose and mauve flowers .....Pkt. 10c.

*Hedgewigi* (Single Japan Pink). Finest selected single-flowered, mixed .....Pkt. 5c.

*Laciniatus* (Single Fringed Pink). Flowers fringed in a great variety of colors.....Pkt. 10c.

*Nobilis* (Royal Pinks). Improved varieties of the single-flowering Japan Pink. The colors vary from white to dark red .....Pkt. 10c.

*Punctatus* (Princess Pinks). A fine variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors.....Pkt. 10c.

*Salmon Queen*. Beautiful fringed flowers of brilliant salmon color changing to old rose when fading. Pkt. 10c.

*Vesuvius*. Beautiful orange-scarlet flowers, very striking in beds or borders.....Pkt. 10c.

*Collection*. One packet each of the above, 60c.

## DIMORPHOTHECA (African Daisies)

Beautiful annuals, with single daisy-like blossoms of orange and gold. They form compact and very bushy plants, are always in bloom, and are good for cutting; 1 foot.

*Aurantiaca*. Golden orange with dark disc.....Pkt. 10c.

*Aurantiaca Hybrids*. Varying in colors from white to bluish-white, lemon-yellow to reddish yellow, pale salmon to golden orange.....Pkt. 15c.

## DOLICHOS (Hyacinth Bean)

A rapid-growing annual climber bearing large, handsome foliage and bright flowers, followed by curiously bean-shaped pods.

*Darkness*. Stems and under sides of foliage purplish red. The numerous spikes of reddish purple, pea-like flowers are succeeded by showy seed-pods; 8 to 10 feet. Pkt. 10c.; oz. 30c.

*Daylight*. Flowers freely from the ground up; pure white flowers and ornamental white pods; vine, 8 to 10 feet.....Pkt. 10c.; oz. 30c.



DIMORPHOTHECA AURANTIACA

## HOSEA WATERER, PHILADELPHIA



ESCHSCHOLTZIA—CALIFORNIA POPPY

### ESCHSCHOLTZIA (California Poppies)

Very attractive annuals of the easiest culture, their flowers being very bright and showy. They are splendid for bedding, massing or edging. The plants grow bushy and about 1 foot high. Bloom profusely from spring-sown seed.

Californica.	Bright yellow.....	Pkt. 5c.; oz. 40c.
Californica Aurantiaca.	Rich orange.	Pkt. 5c.; oz. 40c.
Caniculata Rosea.	Fluted flowers of a bright rosy-pink .....	Pkt. 10c.; oz. 50c.
Cross of Malta.	Yellow with orange cross.	Pkt. 5c.; oz. 40c.
The Geisha.	Petals prettily fluted. Inside of petals brilliant golden, outside intense orange crimson.	Pkt. 10c.; oz. 75c.
Golden West.	Yellow with orange center.	Pkt. 5c.; oz. 40c.
Mandarin.	Inside of petals orange, outside scarlet.	Pkt. 10c.; oz. 50c.
Collection.	One packet each of the above, 40c.	
Mixed.	Rich shades of crimson, pink and orange-scarlet .....	Pkt. 5c.; oz. 40c.

### EUPHORBIA

Variegata (Snow-on-the-Mountain). Elegant bushy plants, with broad green leaves veined and margined with white. Attractive in foliage groups and among flowers; 2 feet.....

Pkt. 10c.; oz. 50c.

Heterophylla (Annual Poinsettia, Mexican Fire Plant). An annual bushy plant, with highly ornamental leaves, which in summer and autumn become dark fiery scarlet; 2 to 3 feet.....

### GAILLARDIA (Blanket Flower)

An exceedingly popular and showy annual, producing throughout the summer an abundance of large, handsome flowers of various colors.

Amblyodon. Large, single, salmon-red flowers, deep crimson centers; very showy and fine for cutting; 2 feet .....

Pkt. 15c.

Picta. Single flowered. Fine mixture of colors; 1 foot .....

Pkt. 5c.;  $\frac{1}{4}$  oz. 25c.

Lorenziana, Double, Finest Mixed. Beautiful colors, flowering all summer. Fine for bedding or cutting; 1½ feet.....

Pkt. 5c.;  $\frac{1}{4}$  oz. 30c.

Lorenziana, "The Bride." White, double; fine for cutting .....

Pkt. 15c.

### GAILLARDIA (Perennial Varieties)

Showy and handsome hardy perennials, for beds and borders. The flowers are a most peculiar combination of shades, varying between gold and maroon. Sow in summer in drills, transplanting to permanent positions during autumn; also sow early in spring under glass, prick off into boxes, and plant out in May.

Grandiflora. Flowers maroon and orange, 3 to 4 inches across; 2 feet.....

Pkt. 10c.

Grandiflora Compacta. Compact variety, as rich and varied as the tall-growing sort.....

Pkt. 15c.

Grandiflora "Lady Rolleston." Fine deep yellow.

Pkt. 30c.

Grandiflora "The King." Vivid crimson center, wide yellow margin .....

Pkt. 30c.

### GERANIUM

These popular plants are easily raised from seed, and if started early will produce flowering plants the first summer. Start in the house and transplant to the garden as soon as the weather is warm.

Zonale, Mixed. Finest varieties.....

Pkt. 25c.

### GEUM

Atrosanguineum fl. pl. Large double scarlet flowers, valuable for cutting; hardy perennial; 2 feet.

Pkt. 10c.

### GLOXINIA

Hybrida Grandiflora. An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts .....

Pkt. 50c.



GAILLARDIA GRANDIFLORA

### GLOBE AMARANTH (Gomphrena)

Sometimes called "Bachelor's Buttons." Popular bedding plants; flowers resemble clover heads and can be dried and used in winter bouquets; 2 feet. Rose, white, purple and mixed, each....Pkt. 5c.;  $\frac{1}{4}$  oz. 25c.

### ORNAMENTAL GOURDS

Gourds grow luxuriantly and are useful for covering arbors, fences, etc. The fruits they bear are very ornamental, and keep well; 15 to 20 feet.

Apple-shaped .....	Pkt. 5c.; oz. 40c.
Bottle-shaped .....	Pkt. 5c.; oz. 40c.
Dipper-shaped, or Calabash .....	Pkt. 5c.; oz. 40c.
Luffa (Dish-Rag) .....	Pkt. 5c.; oz. 40c.
Egg-shaped .....	Pkt. 5c.; oz. 40c.
Hercules' Club .....	Pkt. 5c.; oz. 40c.
Orange-shaped (Moek Orange) .....	Pkt. 5c.; oz. 40c.
Pear-shaped .....	Pkt. 5c.; oz. 40c.
Fine Mixed .....	Pkt. 5c.; oz. 40c.
Collection. Twelve varieties,	50c.

### GRASSES

#### (Ornamental)

For borders and ornamental gardening; also when dried, for winter bouquets and decorations.

Collection of Grasses. Twelve varieties, 75c.

### GREVILLEA (Silk Oak)

**Robusta.** Really a greenhouse plant, but can be successfully grown as an annual. It is a neat little shrub, with delicate fernlike foliage. Very useful for table decoration and in foliage groups.....Pkt. 10c.

### GYPSOPHILA (Baby's Breath)

Feathery panicles of tiny star-shaped flowers, gracefully and daintily borne on slender stems. A charming effect may be had by mixing sprays of Baby's Breath with other long-stemmed cut flowers.

**Elegans Alba Grandiflora.** This is an improved, large-flowering, pure white form of the annual Baby's Breath, of free, easy growth. Several sowings should be made during the season to keep up a supply.

Pkt. 10c.; oz. 30c.

**Elegans Rosea.** A pretty blush-pink form of the above and equally as valuable for cutting.

Pkt. 10c.; oz. 30c.

**Muralis.** A lovely little rock or edging plant with rose-pink flowers.....Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**Paniculata.** White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet.....Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**Paniculata fl. pl.** The double-flowering Baby's Breath, and one of the finest hardy plants for cutting.

Pkt. 25c.

### HELENIUM

**Bigelowi.** A hardy and beautiful perennial, producing a large quantity of long-stemmed yellow flowers with black center; very suitable for cutting. In bloom from July to October; 2 to 3 feet.....Pkt. 30c.



GODETIA, CRIMSON GLOW

### GODETIA

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors; 1 foot.

**Brilliant.** Glowing carmine-rose.

Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**Crimson Glow.** Forms a compact little bush about 9 inches in height, completely smothered with flowers of the most dazzling crimson.....Pkt. 10c.;  $\frac{1}{4}$  oz. 40c.

**Duchess of Albany.** Satiny-white.

Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**Gloriosa.** Darkest red.....Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**Rosamond.** Dwarf habit, large shell-pink flowers; makes a beautiful border.....Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**Schamini Rosy Morn.** This new selection is a lovely coral pink, and the flowers are very double. Excellent for cutting, and very free flowering.....Pkt. 25c.

**Mixed.** All colors.....Pkt. 5c.;  $\frac{1}{4}$  oz. 20c.



GODETIA SCHAMINI "ROSY MORN"



HELIOTROPE "REGALE"

**HELICHRYSUM (Straw Flower)**

Helichrysuns are an ornament to the garden when growing, and are everywhere prized for the winter decoration of vases, and for durable bouquets. Flowers intended for drying should be cut before they are fully expanded and suspended with their heads downward in a cool place.

	Pkt.	Large
Double Crimson. Very rich.....	\$0.10	\$0.25
Double Fireball. Bright red .....	.10	.25
Double Golden Ball. Yellow.....	.10	.25
Double Rose Queen. Old rose.....	.10	.25
Double Silver Ball. White.....	.10	.25
Double Violet Queen. Rich color....	.10	.25
Double Mixed. All colors.....	.10	.25
Collection. A packet each of the six colors.	50c.	

**HELIOTROPE**

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May.

Large Flowering, Finest Mixed Pkt. 10c.;  $\frac{1}{8}$  oz. 50c.  
Regale. Improved variety of dwarfer habit; very fine flowers ..... Pkt. 25c.

**HOLLYHOCK**

A hardy perennial of upright, stately growth, 5 to 8 feet high. The very double varieties are the most desirable, but the newer, semi-double fringed types are also very popular. Hollyhocks make a fine row in a garden, or a fine background next to a building or high wall or fence.

	Pkt.	Large
Chater's Finest Mixed. From a splendid collection of double varieties.....	\$0.10	\$0.25
Chater's Double White .....	.10	.25
Chater's Double Scarlet .....	.10	.25
Chater's Double Yellow .....	.10	.25
Chater's Double Bright Rose.....	.10	.25
Chater's Double Salmon-Rose.....	.10	.25
Chater's Double Maroon .....	.10	.25
Double Pink Queen. Very pretty salmon-pink; full double flowers.....	.25	....
Mammoth Fringed, "Allegheny," Petals beautifully laced and fringed, very robust habit and enormous flowers measuring 5 inches across, splendid rich colors, choicest mixed .....	.10	.25
Single Mixed. Fine and showy.....	.10	.25
Imported Collection. Twelve colors.	\$1.00	

**HEUCHERA**

*Sanguinea.* Exceedingly pretty flowers for cutting. Excellent plants for rockeries and borders. The foliage grows close to the ground, and above it rise numerous graceful panicles of flowers of a vivid shade of coral-red. Blooming period from May till September; 1 foot.

Pkt. 25c.

**HUMULUS (Japanese Hop)**

A very ornamental and rapid-growing climber, with handsome, finely cut foliage; 15 to 25 feet; annual.

*Japonicus.* Beautiful green foliage.

Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

*Variegatus.* A variegated variety, with handsome foliage ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**HUNNEMANNIA**

(Giant Yellow Tulip Poppy)

*Fumariaefolia.* Plants grow about 2 feet high, and are covered with large yellow, poppy-like blossoms from July until hard frost..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**ICE PLANT**

Pretty summer trailing annual for vases and rock work; leaves covered with ice-like drops; flowers white; half-hardy annual; 6 inches..... Pkt. 5c.;  $\frac{1}{4}$  oz. 25c.

**IMPATIENS**

Most beautiful and useful flowering plant, producing waxy bright flowers almost continually winter and summer; tender perennial; 1 foot.

*Sultani.* Bright rosy-carmine..... Pkt. 25c.

*Holstii Hybrids.* Form strong bushy plants about 2 feet high, covered with attractive flowers throughout the entire summer and fall..... Pkt. 25c.

**IPOMŒA**

Rapid-growing twining plants, useful for covering arbors and trellises, remarkable for their showy flowers of white, pink, blue and purple.

*Imperialis (Japanese Morning Glory).* The flowers are of enormous size and of great variety of colors. Pkt. 5c.; oz. 25c.

*Setosa (Brazilian Morning Glory).* Flowers of a pleasing rose color, borne very freely in large clusters from August to frost.

Pkt. 10c.; oz. 30c.

*Rubra Coerulea (Heavenly Blue).* Immense flowers of a bright sky blue.

Pkt. 15c.

*Grandiflora (Moon Flower).* At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter.

Pkt. 10c.;  $\frac{1}{4}$  oz. 20c.; oz. 60c.



DOUBLE HOLLYHOCK

**KOCHIA**

**Trichophylla** (Summer Cypress). A very ornamental plant of graceful habit, with finely-cut green foliage which changes to a deep red in the autumn. It forms a neat little bush somewhat resembling a small cypress tree. A splendid plant for forming a hedge for the summer for any purpose; 3 feet.

Pkt. 5c.;  $\frac{1}{4}$  oz. 20c.; oz. 50c.

**LANTANA**

One of the most desirable half-hardy perennial green-louse or bedding plants, constantly in bloom. Verbena-like heads of orange, white, rose and other colored flowers; 2 feet; mixed colors ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**New Dwarf Bedding Hybrids.** Excellent for bedding and pot culture. Will bloom freely all summer, and can be transferred to the greenhouse for the winter.

Pkt. 25c.

**LARKSPUR****Tall Double Stock-Flowered**

Larkspurs, or Annual Delphiniums, bloom quickly from seed sown in the spring, and their fine flower-spikes are exceedingly graceful and attractive in the garden, especially if planted in shrubbery borders or in large beds. They furnish the finest cutting material; 2 $\frac{1}{2}$  to 3 feet.

Dark Blue ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Lilac ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Lustrous Carmine or Newport Pink.

Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Shell Pink ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

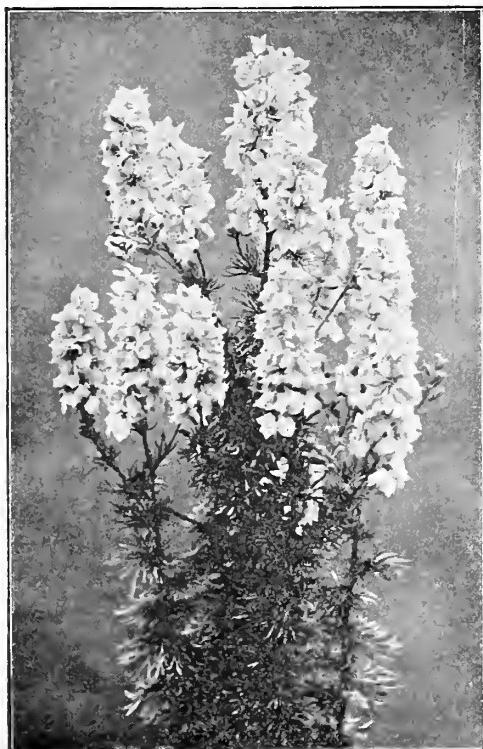
Sky Blue ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Pure White ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Finest Mixed ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 20c.

Collection. A packet each of the six colors, 50c.

**Dwarf Rocket.** A choice mixture of varieties that grow about 1 foot in height ..... Pkt. 5c.;  $\frac{1}{4}$  oz. 20c.



DOUBLE STOCK-FLOWERED LARKSPUR



KOCHIA TRICHOPHYLLA

**LATHYRUS LATIFOLIUS****(Everlasting, or Hardy Sweet Pea)**

A hardy perennial climber, flowering the first year if seed is sown in the fall. Flowers resemble sweet peas, but are borne on strong stems, with eight to ten blossoms to the stem. Is not fragrant, but is hardy and showy, and thrives in any good soil; 6 feet.

White Pearl. Long spikes of white flowers.

Pkt. 25c.

Pink Beauty. Rosy pink..... Pkt. 15c.

Mixed. All colors ..... Pkt. 10c.

**LAVATERA (Annual Mallow)**

Beautiful and showy annual, producing profusely the entire summer, large, cup-shaped flowers. Sow in the garden in May and thin out 1 foot apart; 2 feet.

Trimestris Grandiflora Rosea. Brilliant pink.

Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**LAVENDER (Lavendula Vera)**

**True Lavender.** Popular sweet-scented hardy perennial, fine for mixed border; 3 feet.

Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**LINUM (Flax)**

**Grandiflorum Rubrum** (Scarlet Flax). An elegant, free-flowering hardy annual, valuable for bedding; brilliant scarlet flowers; height, 12 inches.

Pkt. 5c.; oz. 25c.

**Perenne.** A graceful hardy perennial, producing bright blue flowers the entire summer; 18 inches.

Pkt. 10c.

**Perenne Alba.** A fine white-flowered form of the above ..... Pkt. 10c.

**HARDY PERENNIAL LOBELIA**

Tall-growing, with showy spikes of richly colored flowers; for permanent beds and borders they are indispensable; 3 feet.

**Cardinalis ("Cardinal Flower").** Long spikes of intense scarlet flowers ..... Pkt. 25c.



MARIGOLD, AFRICAN

### LINARIA

*Cymbalaria* (Kenilworth Ivy). Beautiful trailing plants with violet flowers; useful for vases, baskets, etc.

Pkt. 10c.

### LOBELIA

Exceedingly pretty, profuse blooming plants of great value both in the garden and for hanging baskets, window boxes and vases, especially prized for edgings of beds and borders. Plants grow about 6 inches high.

Pkt.	Large
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Barnard's Perpetual. Flowers a brilliant blue, white eye .....	\$0.10	\$0.40
Crystal Palace compacta. Dark blue. For borders and bedding .....	.10	.40
Blue Emperor. Light blue; compact; very fine .....	.10	.40
White Gem. Forms a ball of snow-white flowers .....	.10	.40
Erinus ( <i>gracilis</i> ). Blue. Fine for bas-kets or trailing purposes .....	.10	.40
Tenuior. Of upright growth; about 15 inches high, flowers cobalt blue with white center. Splendid for pots or bedding .....		Pkt. 25c.

### LUPINUS (Lupine)

#### Annual Varieties

Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various-colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; 2 feet.

Rich Blue .....	Pkt. 10c.; oz. 50c.
Sky Blue .....	Pkt. 10c.; oz. 50c.
Rose .....	Pkt. 10c.; oz. 50c.
White .....	Pkt. 10c.; oz. 50c.
Mixed, Annual .....	Pkt. 5c.; oz. 40c.

### LUPINUS (Perennial Varieties)

Hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet.

Polyphyllus. Blue .....	Pkt. 10c.
Polyphyllus Alba. White .....	Pkt. 10c.
Polyphyllus Roseus. Rosy-pink flowers.....	Pkt. 15c.
Moerheimi. Flowers rose and white, blooms nearly the whole of the summer. Habit rather dwarf.	
	Pkt. 15c.

Perennial Mixed .....

### LYCHNIS

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year, if sown early.

Chalcedonica. Fine scarlet flowers; 2 feet...	Pkt. 5c.
Haageana. Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot .....	Pkt. 15c.
Salmon Queen. Very pretty salmon pink....	Pkt. 10c.

### MARIGOLD

Marigolds afford a wealth of color that is simply invaluable. They are at their best when many other plants are past their prime. The African varieties are large-flowered, with long stems; the French are good for edging, and all of them are very effective, especially in an old-fashioned flower garden.

### DOUBLE AFRICAN MARIGOLDS

*Orange Prince*. Enormous flowers of perfect shape, deep golden orange; 2½ feet....Pkt. 10c.; ¼ oz. 50c.

*Lemon Queen*. A charming color; 2½ feet.

Pkt. 10c.; ¼ oz. 50c.

*Mixed*. 2½ feet.....Pkt. 5c.; ¼ oz. 25c.

*Imported Collection*. Six varieties, 50c.

### FRENCH MARIGOLDS

*Double Dwarf Gold-Striped*. A very showy plant for the border; flowers beautifully striped and well formed; 10 inches.....Pkt. 10c.; ¼ oz. 50c.

*Double Finest Mixed*. Finest assortment saved from prize flowers; 1 foot.....Pkt. 5c.; ¼ oz. 25c.

*Legion of Honor*. A single marigold of great beauty; flowers bright yellow blotched with brown. Admirably adapted for beds and edging; 9 inches.

Pkt. 5c.; ¼ oz. 25c.

*Imported Collection*. Six varieties, 50c.

### MARVEL OF PERU

The well-known "Four O'Clocks." A handsome free-flowering garden favorite, blooming the first season from seed; 2 feet.

*Mixed Colors* .....

Pkt. 5c.; oz. 20c.

### MATRICARIA

Free-flowering, hardy plants, fine for bedding or for pot culture; blooms until frost; hardy annual; 18 inches.

*Capensis Alba Plena* (Double White Feverfew). Handsome double white flowers .....

Pkt. 10c.



LUPINUS (LUPINE)



MIGNONETTE

### MIGNONETTE (Reseda)

The wonderful, sweet, delicate fragrance of Mignonette has made it a favorite in every garden. Sow in April where plants are to remain and again later for a continuation of bloom until frost; can also be grown in pots for winter and early spring flowering.

**Machet.** Dwarf and vigorous, large spikes of sweet-scented flowers. Fine for either greenhouse or outdoor culture ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**Golden Machet.** Thick, massive spikes of golden-yellow fragrant flowers ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**Defiance.** Spikes from 12 to 15 inches long; deliciously fragrant ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**Goliath.** The immense trusses of highly-scented flowers are borne on erect, strong, stiff stalks.

Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Orange Queen.** Monstrous spikes, beautiful orange-red color, true Machet habit.....Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

**Sweet Scented.** The old variety with small spikes; very sweet scented.....Pkt. 5c.; oz. 20c.

### MAURANDIA

Elegant twining plants, with handsome foliage and tube-shaped flowers, flowering early from seed the first season; particularly adapted for house and conservatory. Splendid for hanging-baskets, window-boxes, etc. Half-hardy perennial; 10 feet.

**Barclayana, Finest Mixed** ..... Pkt. 10c.

### MIMULUS

A half-hardy perennial, growing from 6 inches to 1 foot high. Useful for window gardens and pot work, or for garden in a moist, shady situation. Blooms first year from seed if sown early.

**Moschatus, or Musk Plant.** Fragrant plant with small, yellow blooms.....Pkt. 15c.

**Tigrinus, or Monkey Flower.** Large flowers of several colors and spotted ..... Pkt. 10c.

**Queen's Prize.** A remarkably fine selection of M. Tigrinus. The flowers are large and most brightly colored and spotted; the colors are yellow, orange, coppery red and pink. Perennial, 12 inches high and does well, preferring cool location ..... Pkt. 25c.

### MIMOSA PUDICA

("Sensitive Plant"). Curious annual; the leaves instantly close up when touched. A neat plant for either pot or garden culture; 1½ feet.....Pkt. 5c.

### MOMORDICA

Handsome climbing annual with rich green foliage and golden-yellow warty fruit; 10 feet.

**Balsamina** (Balsam Apple). Round apple-shaped fruit ..... Pkt. 10c.; oz. 50c.

**Charantia** (Balsam Pear). Pear-shaped fruit. The fruits of this variety are used medicinally.

Pkt. 10c.; oz. 50c.

### MYOSOTIS (Forget-Me-Not)

Most of the forget-me-nots will bloom the first year from seed if sown early. If sown in July or August in shaded frames, fine plants will be obtained for spring blooming.

**Alpestris Victoria.** Of dwarf, compact growth, with long sprays of bright blue flowers, produced in dense umbels; 6 inches ..... Pkt. 10c.

**Dissitiflora.** Very free-blooming, large-flowering; compact habit ..... Pkt. 15c.

**Palustris Semperflorens.** Very dwarf; blooming from spring until autumn ..... Pkt. 15c.

**Eliza Fonrobert** (Robusta grandiflora). Large-flowering, bright blue; remarkably fine and distinct.

Pkt. 10c.

**Royal Blue.** Flowers are of larger size and a deeper blue than any other; unexcelled for pot culture.

Pkt. 10c.

### NEMESIA

Free-blooming dwarf bushes for pot culture and open borders. Sow in spring under glass, and transplant; or sow out of doors in May, in patches, where they are intended to flower. Seed sown in the autumn makes beautiful pot plants for early spring blooming.

**Blue Gem.** One of the most lovely little plants for edgings, small beds, or massing along the front of borders; the flowers are a beautiful bright blue.

Pkt. 25c.

**Strumosa Suttonii.** Many rich and rare colors and large flowers ..... Pkt. 25c.

**Dwarf Compact Hybrids.** A great variety of new and improved colors and very free-flowering; 9 inches.

Pkt. 25c.



MYOSOTIS



NASTURTIUMS

**DWARF NASTURTIUMS**

The plants form a small, round bush 12 inches high, which is a mass of bloom all summer.

**Chameleon.** Various colors on one plant.  
**Crystal Palace Gem.** Yellow, maroon blotches.  
**Empress of India.** Fiery crimson, dark foliage.  
**Golden King.** Golden yellow, dark foliage.  
**King Theodore.** Crimson maroon, dark foliage.  
**King of Tom Thumbs.** Dark scarlet, dark leaves.  
**Pearl.** Creamy white.  
**Prince Henry.** Pale yellow, carmine blotches.  
**Regelianum.** Deep, purplish crimson.  
**Rose.** Soft carmine rose.  
**Spotted.** Golden yellow, spotted garnet.  
**Vesuvius.** Rich deep apricot, dark foliage.

**Price.** Any of the above dwarf sorts.  
 Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

**Collection.** One packet each of the twelve sorts, 50c.  
**Dwarf Mixed.** Includes all the choicest varieties in many colors... Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. \$1.75.

**LOBB'S CLIMBING NASTURTIUMS**

Both foliage and flowers of this type are slightly smaller than those of the common Tall Nasturtiums, but the wonderful profusion of bloom and intense brilliancy of colors make it particularly desirable; 8 to 10 feet.

**Lobb's Finest Mixed.**  
 Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. \$1.50.

**WATERER'S COLLECTIONS OF NASTURTIUMS**

One packet each 12 Dwarf Sorts .....	\$0.50
One packet each 6 Dwarf Sorts .....	.25
One ounce each 12 Dwarf Sorts .....	1.75
One ounce each 6 Dwarf Sorts .....	.90
One packet each 12 Tall Sorts.....	.50
One packet each 6 Tall Sorts.....	.25
One ounce each 12 Tall Sorts.....	1.75
One ounce each 6 Tall Sorts.....	.90

**TALL OR CLIMBING NASTURTIUMS**

Of quick growth, covering a wall, hedge, or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom; 8 to 10 feet.

**Chameleon.** Richly colored flowers on same plant.

**Crimson.** Velvety crimson.

**Fulgens.** Dazzling crimson, dark foliage.

**Gold Garnet.** Orange yellow, garnet blotches.

**King Theodore.** Crimson maroon, dark foliage.

**Orange.** Pure orange.

**Pearl.** Creamy white.

**Prince Henry.** Pale yellow, carmine blotches.

**Rose.** A lovely shade of ruby rose.

**Schulzii.** Rosy scarlet, dark foliage.

**Vesuvius.** Rich deep apricot.

**Yellow.** Pure yellow.

**Price.** Any of the above tall sorts.

Pkt. 5c.; oz. 20c.; ¼ lb. 60c.

**Giant-Flowering Tall Mixed.** A very rich mixture, made up of the choicest and largest-flowering tall Nasturtiums, including many rare shades.

Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. \$1.75.

**NICOTIANA (Flowering Tobacco)**

Long, tube-shaped, sweetly-scented flowers. Attractive plants for large beds and borders; 3 feet.

**Affinis.** Large, pure white flowers; very fragrant.

Pkt. 5c.; ¼ oz. 30c.

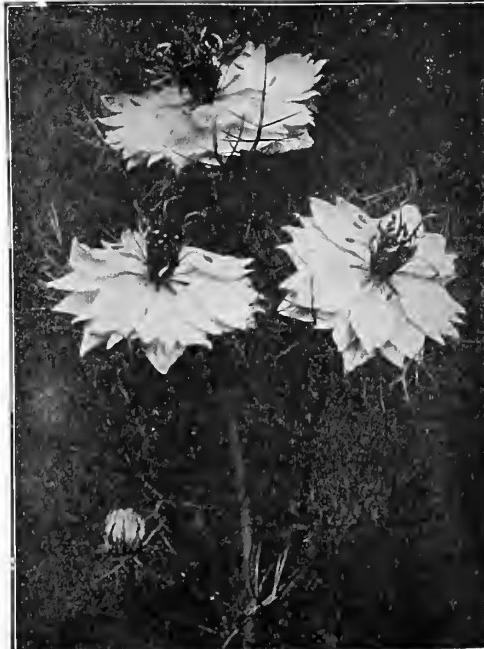
**Sanderae Hybrids.** Very bushy plants, branching freely from near the base and giving a continuous display of large tubular flowers in shades of carmine, rose, and pink..... Pkt. 10c.; ¼ oz. 50c.

**Sylvestris.** Plants of pyramidal growth, 4 feet high, with fine deep-green foliage; pure white, fragrant, drooping flowers, borne in loose heads..... Pkt. 10c.

**NIGELLA (Love-in-a-Mist)**

**Miss Jekyll.** Lovely flowers for cutting; bushy plants about 12 to 15 inches high, and with clear cornflower-blue flowers of large size, surrounded by slender, mist-like foliage..... Pkt. 10c.; ¼ oz. 25c.; oz. 75c.

**Miss Jekyll White.** A white form of the preceding.  
 Pkt. 15c.



NIGELLA, MISS JEKYLL



"EXHIBITION PRIZE" PANSY

### PANSY

Waterer's "Exhibition Prize," Mixed. This is a superb mixture of the largest and best types in an immense variety of brilliant colors.

Pkt. 50c.;  $\frac{1}{16}$  oz. \$1.00;  $\frac{1}{4}$  oz. \$3.00; oz. \$10.00.

Large Pkt. Pkt.

Cassier's Large - Flowered Blotched. Very fine large-flowered mixed.....\$0.25 \$0.75

Odier's Fine Spotted. Extra choice. We can strongly recommend this strain.. .50 1.00

Triumph of the Giants. Plants of robust growth with very large flowers, mostly curled, rich variety of color..... .50 1.00

English Show. Extra-fine strain, splendid variety of color with good form..... .50 1.00

Masterpiece. Very fine blooms, beautifully blottedched, very rich colors..... .50 1.00

English "Prize." Seed saved from the finest collection of prize plants..... .75 1.50

Giant "Prize," Light Blue. Ultramarine blue with violet eye..... .20 .60

Giant "Prize," Golden Queen. Bright golden-yellow, marked in the center with a few dark stripes .. .25 .75

Giant "Prize," Golden-Yellow. Bright golden-yellow, with large brown eyes.... .20 .60

Giant "Prize," Dark Blue. Rich dark blue, very large and fine .. .20 .60

Giant "Prize," Lord Beaconsfield. Deep violet, shading to white on the upper petals .. .20 .60

Giant "Prize," Snow Queen. Satin-white, center slightly tinged with yellow. .20 .60

Giant "Prize," White. White flowers with dark eye .. .20 .60

Parisian Large Stained. Very showy strain of Trimardeau, fine largo flowers.. .20 .60

Choice Mixed. Extra fine, great variety .10 .30

### PLATYCODON

The large-flowering Chinese Bell Flower; hardy perennial, bearing large, broad, bell-shaped white or blue flowers, very handsome for garden decoration; 2 feet.

Mixed ..... Pkt. 10c.

### PENTSTEMON

Hardy herbaceous plants. Brilliant flowers, somewhat like Foxglove, mostly with white throats. Continual bloomers. Make a fine border flower. Sow seeds in a pan of light soil, and transplant; 2 to 3 feet.

**Grandiflorum "Excelsior."** The plants of this fine variety attain a height of about 2½ feet. The blooms are a great size, almost as large as a Gloxinia, and range in color from white to deep scarlet.....Pkt. 25c.

**Mixed.** Large-flowering sorts .....Pkt. 15c.

### PETUNIAS

Petunias are showy in beds, and bloom continuously throughout the summer. Sow the seed in pots or flats in the house or hotbed in February or March, or in the garden as soon as the soil is warm. Cover the seed but lightly, as it is very fine.

**Large-Flowering Single Fringed.** An unrivaled strain, producing large, beautiful flowers of the richest colors, with fringed edges .....Pkt. 25c.

**Superb Large-Flowering Double-Fringed.** Our seed of these is of unsurpassed excellence; finest mixed.

Pkt. 50c.

**Ideal.** New dwarf strain of large-flowered petunia; 12 to 15 inches in height.....Pkt. 50c.

**Imported Collection.** Six single varieties, 75c.

**Imported Collection.** Six double varieties, \$1.00.

### SINGLE BEDDING PETUNIAS

**Adonis.** Fiery carmine, white throat, very free-blooming and compact, for bedding or pots.

Pkt. 15c.;  $\frac{1}{8}$  oz. 75c.

**Brilliant.** Brilliant carmine-pink. Beautiful and effective compact variety.....Pkt. 15c.;  $\frac{1}{8}$  oz. 75c.

**Feltham Beauty.** Great variety of color, ranging from white to deepest rose; 1 foot.....Pkt. 35c.

**Rosy Morn.** Bright rosy pink, white throat, compact and free-flowering.....Pkt. 15c.;  $\frac{1}{8}$  oz. 75c.

**Howard's Star.** Rich crimson, with distinct white star in center.....Pkt. 15c.;  $\frac{1}{8}$  oz. 50c.

**Snowball.** A fine compact sort, producing its pure-white flowers throughout the entire season.

Pkt. 10c.;  $\frac{1}{8}$  oz. 50c.

**Finest Mixed.** A choice mixture of color and shades.

Pkt. 10c.;  $\frac{1}{8}$  oz. 30c.



BEDDING PETUNIA



PHLOX DRUMMONDI GRANDIFLORA

### PHLOX DRUMMONDI (Large-flowering varieties)

For a splendid mass of color and a constant display, the Phlox Drummondii is not excelled by any other annual. It has every desirable quality for this purpose and for beds, edgings and massings nothing can surpass it. Seed may be sown in the open ground any time after danger from frost is past; average height, 1 foot.

	Pkt.	Large Pkt.
White .....	\$0.10	\$0.30
Shell Pink .....	.10	.30
Deep Rose .....	.10	.30
Bright Scarlet .....	.10	.30
Scarlet with White Eye .....	.10	.30
Yellow .....	.10	.30
Choicest Mixed. Splendid, large-flowering sorts.	Pkt. 10c.; $\frac{1}{4}$ oz. 60c.; oz. \$2.00.	

Imported Collection. Twelve varieties, 75c.

### DWARF PHLOX

Plants of this charming section grow 6 to 8 inches high and produce dense masses of bloom all summer. Excellent for beds, edgings, pots, etc.

Brilliant Rose .....	Pkt. 15c.
Fiery Scarlet .....	Pkt. 15c.
Pure White .....	Pkt. 15c.
Choice Mixed .....	Pkt. 15c.

Star Phlox (*Cuspidata*). Beautiful star-shaped flowers of various colors..... Pkt. 10c.;  $\frac{1}{4}$  oz. 75c.

### PLATYCODON

The large-flowering Chinese Bell Flower; hardy perennial, bearing large, broad, bell-shaped white or blue flowers, very handsome for garden decoration; 2 feet.

Mixed .....

### PORTULACA

Beautiful little plants which bloom profusely all summer. Their richly-colored flowers make an effective and brilliant display when planted in beds, edgings or rock-work. Hardy annual,  $\frac{1}{2}$  foot.

Single Golden Yellow .....	Pkt. 10c.; $\frac{1}{4}$ oz. 35c.
Single Scarlet .....	Pkt. 10c.; $\frac{1}{4}$ oz. 35c.
Single White .....	Pkt. 10c.; $\frac{1}{4}$ oz. 35c.
Single Mixed. All colors.	

Pkt. 5c.;  $\frac{1}{4}$  oz. 25c.; oz. 75c.

Double Choicest Mixed. Contains all the best double varieties .....

Pkt. 10c.;  $\frac{1}{4}$  oz. 75c.

### POPPIES

Sow the seed where they are to remain, as they do not stand transplanting. Several sowings may be made at intervals to have a succession of bloom.

### SINGLE ANNUAL POPPIES

Shirley (Santa Rosa Strain). Most beautiful strain of single poppies. The colors range through all shades of delicate rose, pink, carmine and brilliant crimson; 2 feet..... Pkt. 10c.;  $\frac{1}{4}$  oz. 20c.; oz. 50c.

Black Prince. New. A single-fringed poppy of black-brown hue, with dark violet reflection, which, with the almost white anthers, form a striking contrast.

Pkt. 5c.;  $\frac{1}{4}$  oz. 20c.

Chas. Darwin. Annual poppy, growing 2 to  $2\frac{1}{2}$  feet high and is remarkable for its new color, a rich dark purple, adorned with a black spot at base of petals.

Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Virginia. Large, beautifully fringed flowers of pure white, edged with soft pink..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

King Edward. Deep scarlet red with large black blotch on each petal;  $2\frac{1}{2}$  feet..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Admiral. A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

The Bride. A beautiful variety, with very large, pure white, perfectly formed flowers... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Danebrog (Danish Flag). Single scarlet flowers, with a large white blotch on each petal; 2 feet.

Pkt. 5c.; oz. 30c.

Glaucum (Tulip Poppy). A striking variety, with dazzling scarlet flowers; 1 foot... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

Umbrosum. Bright crimson, with black spot on each petal;  $1\frac{1}{2}$  feet..... Pkt. 5c.;  $\frac{1}{4}$  oz. 20c.

Single Mixed. Annual sorts..... Pkt. 5c.; oz. 25c.

Imported Collection of Shirley, twelve varieties, 75c.

### POPPIES (Double Annual Varieties)

Eldorado. New double Shirley, beautiful new shades.

Pkt. 10c.;  $\frac{1}{4}$  oz. 35c.; oz. \$1.00.

Mikado. Double; white-fringed petals, tipped with scarlet; 2 feet..... Pkt. 5c.; oz. 35c.

White Swan. Immense double flowers, beautifully fringed, and of purest white..... Pkt. 5c.; oz. 30c.

Carnation-Flowered. Finest mixed double; large showy flowers; 2 feet..... Pkt. 5c.; oz. 25c.

Peony-Flowered, Mixed. Splendid large, double flowers of all colors..... Pkt. 5c.; oz. 25c.

Imported Collection of six varieties. Double carnation flowered .....

30c.

Imported Collection of six varieties. Double paeony flowered .....

30c.

### HARDY PERENNIAL POPPIES

There are no flowers more ornamental and useful in our gardens than the various varieties of hardy Poppies. Once started they increase in size and beauty each succeeding season.

Perennial Poppies may be sown from June to August, to bloom the following summer.

Orientale (Oriental Poppy). The beautiful dark brilliant scarlet hardy Poppy..... Pkt. 10c.

Hybrid Orientale. These hybrids contain many new colors, including white, blood-red, salmon, glowing scarlet, etc.; very fine .....

Pkt. 15c.

Orientale Excelsior. A very fine mixture, ranging from delicate salmon to deep crimson..... Pkt. 25c.

Orientale Hybrid "Mrs. Perry." Orange apricot, very fine .....

Pkt. 25c.

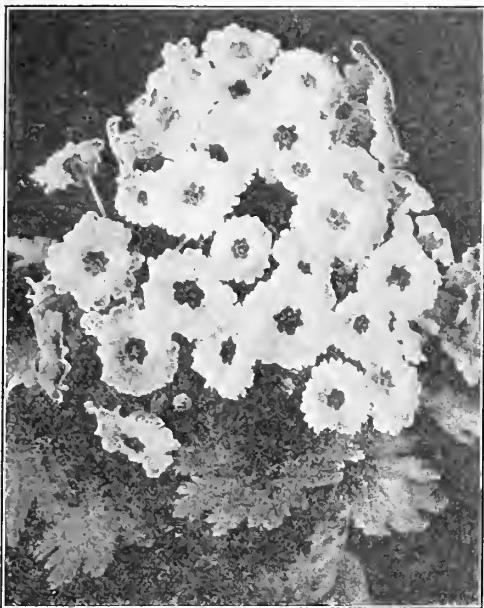
Orientale Hybrid "Princess Victoria Louise." Bright salmon scarlet .....

Pkt. 25c.

Iceland (Papaver nudicaule). They grow about a foot high, and are covered with masses of bright, satin-like flowers. Finest mixed .....

Pkt. 15c.

Bracteatum. Large orange-scarlet flowers.. Pkt. 10c.



PRIMULA CHINENSIS

### PRIMULA CHINENSIS

(Chinese Primrose)

One of our finest winter free-flowering house plants. Our strains may be relied on as being of the finest procurable.

- Alba Magnifica.* Pure white, with yellow eye, one of the finest ..... Pkt. 50c.
- Chiswick Red.* Rich deep rose ..... Pkt. 50c.
- Crimson King.* The deepest and richest crimson scarlet color in Primulas ..... Pkt. 50c.
- Duchess.* Pure white, with large bright carmine center ..... Pkt. 50c.
- Holborne Blue.* A beautiful shade ..... Pkt. 50c.
- Orange King.* Orange-salmon, shaded with terra cotta; very beautiful ..... Pkt. 50c.
- Excelsior Mixed.* A magnificent strain of Giant Primula ..... Pkt. 50c.
- Stellata.* Large heads of star-shaped flowers of various colors ..... Pkt. 50c.

### PRIMULA OBCONICA

A lovely, profuse-blooming Primrose, for pot culture, bearing on long slender stems, beautiful single flowers in clusters.

- Obconica Gigantea Kermesina.* Rich crimson. Pkt. 25c.
- Obconica Gigantea Rosea.* Pure rose color. Pkt. 25c.
- Obconica Gigantea Mixed.* All colors. Pkt. 25c.
- Obconica Grandiflora Alba.* Pure white. Pkt. 25c.
- Obconica Grandiflora Kermesina.* Bright crimson. Pkt. 25c.
- Obconica Grandiflora Rosea.* Beautiful clear rose. Pkt. 25c.
- Obconica Grandiflora Mixed.* All colors. Pkt. 25c.

### VARIOUS PRIMULAS

- Kewensis.* The flowers are a bright yellow in color and fragrant ..... Pkt. 25c.
- Malacoides "Superba."* New improved variety, of a deep rosy-pink color ..... Pkt. 30c.
- Malacoides.* Light lilac, branching habit. Pkt. 25c.
- Malacoides Alba.* Pure white ..... Pkt. 40c.

### HARDY PRIMROSES

These are among the best of the early spring-blooming plants. With slight protection they will stand the winter, but will do better if protected by a cold-frame.

*Auricula.* A well-known variety of great beauty; brilliant-colored flowers in umbels, ranging in colors of maroon, purple, crimson and yellow. Choice mixed from prizewinners ..... Pkt. 25c.

*Polyanthus (Primula Elatior).* The colors range from white to deep maroon; the yellow, rose and crimson shades being particularly fine; 9 inches. Finest mixed. Pkt. 25c.

*Japonica Mixed.* One of the finest Primroses for the garden, producing several whorls of large flowers, on erect stems, varying from white to crimson; 1½ feet. Pkt. 15c.

*Vulgaris (English Primrose).* Flowers fragrant, canary-yellow color ..... Pkt. 10c.

### PYRETHRUM

Hardy perennials, bearing single and double aster-like flowers on long stalks; excellent for cutting; 2 feet.

*Hybridum Grandiflorum.* Large-flowering single mixed ..... Pkt. 15c.

*Hybridum flore-pleno.* Finest double hybrids. Seed saved from the finest collection. Only a portion of the plants will produce double flowers the first season. Pkt. 25c.

### PYRETHRUM (Golden Feather)

*Aureum (Golden Feather).* Dwarf bedding plant, with yellow, fern-like leaves, useful for edging beds and borders ..... Pkt. 10c.; ¼ oz. 25c.

### RHODANTHE

A well-known and splendid everlasting; valuable for the decoration of the conservatory and flower garden; mixed colors; 1 foot ..... Pkt. 10c.

### RUDBECKIA (Cone Flower)

*Bicolor Superba.* Fine free-flowering annual, growing about 2 feet high, forming a dense bush and producing an abundance of bright yellow flowers with brown central disc; fine for cutting.

Pkt. 10c.; ¼ oz. 25c.



PYRETHRUM HYBRIDUM (DOUBLE)



SALPIGLOSSIS GRANDIFLORA

## RICINUS (Castor Oil Bean)

Handsome, ornamental foliage plants with gigantic leaves; very showy when massed together in groups, or large beds, or as a single specimen on the lawn.

Borbeniensis Arboreus. Large and handsome green foliage; 10 to 15 feet ..... Pkt. 5c.; oz. 25c.

Carnbedgensis. Large leaves of a brilliant bronzy red maroon; stalks nearly black; 5 feet.

Pkt. 5c.; oz. 25c.

Gibsoni. Dark purplish-red foliage; 5 feet.

Pkt. 5c.; oz. 25c.

Sanguineus. Red stalks; scarlet fruit; 8 feet.

Pkt. 5c.; oz. 25c.

Zanzibarensis, Mixed. Very tall, stately plants with leaves of enormous size varying in color from light green to purplish red; 12 to 14 feet. Pkt. 5c.; oz. 25c.

Mixed. All sorts ..... Pkt. 5c.; oz. 20c.

## SALPIGLOSSIS (Painted Tongue)

Easy-growing annual plants with large funnel-shaped flowers, beautifully tinted and veined in rich shades; blooms from early summer until late fall; 2 feet.

	Large Pkt.	Pkt.
Crimson .....	\$0.10	\$0.40
Primrose .....	.10	.40
Purple and Gold .....	.10	.40
Rose and Gold .....	.10	.40
Scarlet and Gold .....	.10	.40
White and Gold .....	.10	.40
Collection. One packet each above six varieties, 50c.		
Finest Mixed. All colors.....	Pkt. 10c.; $\frac{1}{4}$ oz. 40c.	

## SCARLET RUNNER BEANS

An ornamental climber, growing about 10 feet high, bearing large sprays of bright scarlet flowers, followed by edible beans..... Pkt. 10c.;  $\frac{1}{4}$  lb. 15c.; lb. 50c.

## SMILAX

A popular greenhouse climber with small, dark-green foliage of great value for floral decoration; 8 to 10 feet ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.; oz. 75c.

## SALVIA (Scarlet Sage)

Salvias make a striking display, with their long brilliant flower-spikes. They bloom continuously from early summer until frost. Sow seed as early as possible, in shallow boxes or pots in the greenhouse, or frame. When plants are large enough, transplant singly into small pots, and set out when all danger of frost is past. May also be sown in the open ground in May.

Ball of Fire. A dwarf early flowering variety with long spikes of brilliant scarlet flowers; 18 inches.

Pkt. 20c.;  $\frac{1}{8}$  oz. 75c.

Benfire. Compact bushy plants, 2 feet high, producing innumerable erect spikes of brilliant scarlet flowers..... Pkt. 10c.;  $\frac{1}{8}$  oz. 50c.

Splendens. Tall-growing plants with bright scarlet flowers; height, 3 feet ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 75c.

Zurich. One of the earliest flowering; plants are of dwarf, bushy growth and produce an abundance of bright scarlet flowers from early July until frost; 18 inches ..... Pkt. 20c.;  $\frac{1}{8}$  oz. 75c.

Farinacea, Blue. A perennial variety, but best grown as an annual. Seed sown in the open ground in May blooms from July to frost. The light-blue flowers are borne on long spikes, held above the foliage. Grows about 2 feet high ..... Pkt. 10c.

## SCABIOSA

## (Mourning Bride; Pin-Cushion Flower; Sweet Scabious)

One of our finest annuals for cutting, and very showy in the garden. Easily raised from seed; blooms continuously from early summer until frost in a wide range of rich and beautiful colors; 2½ feet.

## IMPROVED LARGE-FLOWERING

## (Annual Scabiosas)

Azure Fairy. Lavender-blue.... Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

Crimson. Rich rosy crimson.... Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

Flesh Pink. Delicate pink.... Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

King of the Blacks. Velvety black purple.

Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

Rose. Soft rose color..... Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

White. Pure white ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

Collection. One packet each of six colors, 50c.

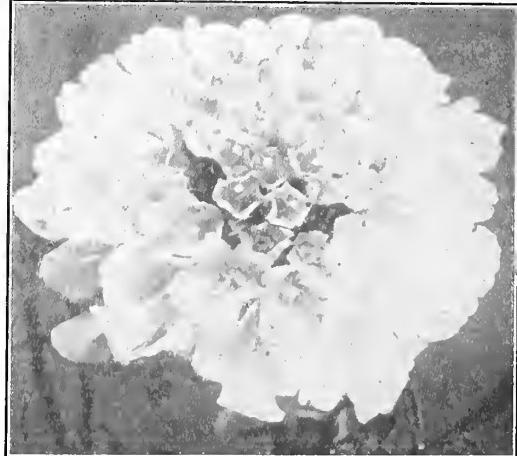
Mixed..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.; oz. 75c.

## SCABIOSA (Perennial)

Caucasica. A hardy perennial variety with large pale-blue flowers on long stems, valuable for cutting; 3 feet ..... Pkt. 25c.

Japonica. Beautiful lavender-blue flowers; 2½ feet.

Pkt. 25c.



SCABIOSA

**SCHIZANTHUS (Butterfly Flower)**

Free-flowering and very attractive annuals for the garden in summer or the greenhouse during winter.

*Wisetonensis*. A splendid plant for the conservatory or greenhouse. The colors range from soft pink to dark brown ..... Pkt. 25c.

*Wisetonensis "Excelsior."* This may be described as a much larger flowering strain of *Wisetonensis*, and with markings and color of a fancy *Pelargonium*.

Pkt. 50c.

**Garraway's Hybrids.** A magnificent strain for greenhouse and conservatory decoration, embracing a wide range of beautiful colors. Very effective and lasting, when cut ..... Pkt. 50c.

*Retusus "Pink Beauty."* Flowers are exquisite shade of rose-pink, a pure self without any marking or shading whatever ..... Pkt. 50c.

**Dwarf Large-Flowered.** A very fine strain of this popular and showy annual, plants grow 12 inches in height, compact and pyramidal habit, great range of colors, bright and showy..... Pkt. 15c.

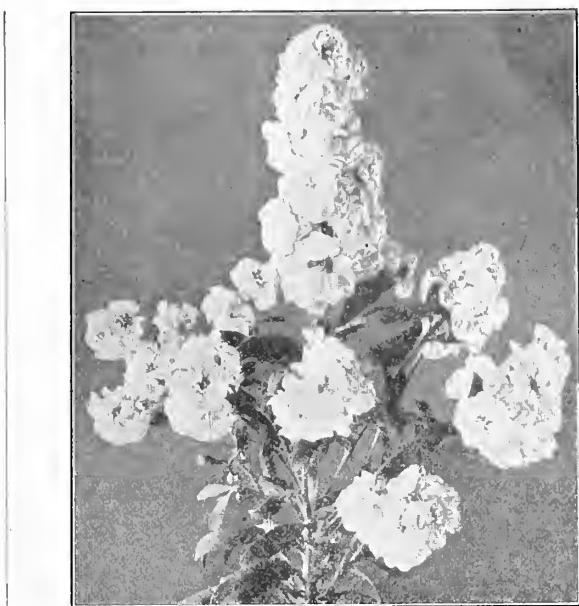
**SOLANUM**

*Capsicastrum (Jerusalem Cherry).* Miniature bush, covered all winter with a profusion of scarlet fruit; 1 foot .....

Pkt. 10c.

**STATICE (Sea Lavender)**

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. Mixed varieties .....

**STOCKS (Gilliflower)**

One of the most popular annuals, either for bedding or pot culture.

**CUT-AND-COME-AGAIN 10-WEEK STOCKS**

This type is especially recommended for cutting. The plants branch freely, and send up numerous long spikes of fragrant double flowers in continuous succession; 18 inches.

Brilliant. Blood-red .....	Pkt. 15c.
Creole. Canary-yellow .....	Pkt. 15c.
La France. Rose .....	Pkt. 15c.
May Queen. Pale blue .....	Pkt. 15c.
Princess Alice. White .....	Pkt. 15c.
Sapphire. Violet .....	Pkt. 15c.
Victoria. Silvery lilac .....	Pkt. 15c.
Finest Mixed .....	Pkt. 15c.; $\frac{1}{8}$ oz. \$1.00.

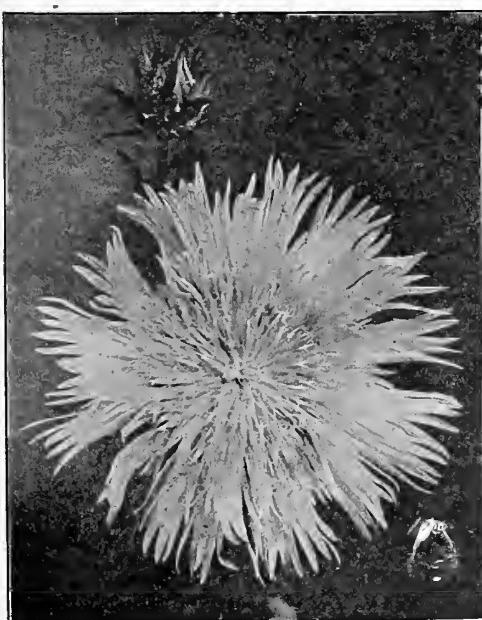
**LARGE-FLOWERING 10-WEEK STOCKS**

This class is a favorite for outdoor bedding; 1 foot.	
Blood-Red .....	Pkt. 10c.
Light Blue .....	Pkt. 10c.
Bright Pink .....	Pkt. 10c.
Purple .....	Pkt. 10c.
Pure White .....	Pkt. 10c.
Canary-Yellow .....	Pkt. 10c.
Finest Mixed .....	Pkt. 10c.; $\frac{1}{8}$ oz. 75c.

**MAMMOTH-FLOWERING BEAUTY STOCKS**

Particularly adapted for the greenhouse, to provide cut flowers during the winter, but is also valuable for bedding. They are of pyramidal habit, 24 inches high, and branch very freely; flowers very double, on long spikes.

Abundance. Carmine rose .....	Pkt. 15c.
Beauty of Nice. Delicate flesh-pink.....	Pkt. 15c.
Bright Violet. Violet blue .....	Pkt. 15c.
Crimson King. Brilliant crimson .....	Pkt. 15c.
Empress Elizabeth. Bright carmine.....	Pkt. 15c.
Monte Carlo. Canary-yellow .....	Pkt. 15c.
Queen Alexandra. Soft rosy lilac .....	Pkt. 15c.
Summer Night. Rich deep blue .....	Pkt. 15c.
White Lady. Snow white, very double.....	Pkt. 25c.



STOKESIA CYANEA



## Spencer or Orchid - Flowered Sweet Peas

These are noted for their unusually large-sized flowers and for the waved or fluted appearance of the petals.



**Agricola.** White, delicately suffused soft silvery lilac.  
Pkt. 10c.; oz. 60c.

**Asta Ohn.** Soft, pinkish lavender self. Very large and wavy.....Pkt. 10c.; oz. 60c.

**Barbara.** A superb salmon-colored self.  
Pkt. 10c.; oz. 65c.

**Blanche Ferry Spencer.** Rose standard, white wings, tinted light pink.....Pkt. 10c.; oz. 60c.

**Blue Jacket.** A fine deep navy blue.  
Pkt. 10c.; oz. 60c.

**Countess Spencer.** Beautiful soft rose-pink. One of the best .....Pkt. 10c.; oz. 60c.

**Constance Hinton.** Decidedly the best black seeded white variety. The flowers are of largest size, best Spence form.....Pkt. 10c.; oz. 65c.

**Commander Godsall.** The color is a lovely shade of violet-blue. The plant is very vigorous, of easy cultivation, throwing abundance of four- and five-flowered sprays on long stout stems.....Pkt. 25c.

**Dobbie's Cream.** Large, beautiful primrose-colored flowers.....Pkt. 10c.; oz. 60c.

**Doris Usher.** Light salmon-pink. Pkt. 10c.; oz. 60c.

**Edith Taylor.** A fine salmon rose throughout standard and wings; very beautiful.....Pkt. 10c.; oz. 60c.

**Elfrida Pearson.** Large shell-pink.  
Pkt. 10c.; oz. 60c.

**Etta Dyke.** A splendid, large pure white.  
Pkt. 10c.; oz. 60c.

**Florence Morse Spencer.** Light pink, edged with darker pink.....Pkt. 10c.; oz. 60c.

**Fiery Cross.** A very striking bright shade of orange-scarlet.....Pkt. 10c.; oz. 60c.

**Florence Nightingale.** A soft, clear, rich lavender.  
Pkt. 10c.; oz. 60c.

**"Hawlmak Pink."** The richest colored sweet pea ever seen; rich, bright rose-pink, deeply flushed and shaded salmon, beautifully frilled flowers of ideal form.  
Pkt. 25c.

**Helen Lewis.** Orange-pink, with bright orange standard; very showy.....Pkt. 10c.; oz. 60c.

**Hercules.** A magnificent soft rose-pink self.  
Pkt. 10c.; oz. 65c.

**Illuminator.** Brilliant orange-scarlet.  
Pkt. 10c.; oz. 65c.

**Jean Ireland.** Beautiful cream color edged with pink.  
Pkt. 10c.; oz. 60c.

**King Edward Spencer.** Deep rich carmine-scarlet.  
Pkt. 10c.; oz. 60c.

**King Manoel.** A giant-flowered maroon or deep chocolate-colored variety.....Pkt. 10c.; oz. 60c.

**King White.** Pure white; flowers of enormous size and fine form.....Pkt. 10c.; oz. 60c.

**Loyalty.** This is a lovely violet-blue flake on white ground.....Pkt. 10c.; oz. 60c.

**Margaret Atlee.** A rich-glowing pink on cream ground; beautiful.....Pkt. 10c.; oz. 60c.

**Margaret Madison.** A self-colored clear azure-blue.  
Pkt. 10c.; oz. 60c.

**Mrs. Tom Jones.** Bright Delphinium-blue, large flower, beautifully waved.....Pkt. 25c.

## Sweet Peas—Continued

### SPENCER OR ORCHID-FLOWERED

**Mrs. Cntherston.** The standard is a clear rose-pink in color. wings white, slightly flushed light rose.

Pkt. 10c.; oz. 60c.

**Mrs. Townsend.** White, with a clear picotee edge of blue around both standard and wings. Pkt. 10c.; oz. 60c.

**Mrs. Hngh Dickson.** Beautiful salmon-pink on a cream ground; extra fine.....Pkt. 10c.; oz. 60c.

**Orchid.** The flowers suggest the rich tone found only in the *Cattleya* orchids; they are of extra-large size.

Pkt. 10c.; oz. 60c.

**Primrose Spencer.** Beautiful pale primrose-yellow.

Pkt. 10c.; oz. 60c.

**R. F. Felton.** Exquisite, soft lavender blue with slight suffusion of rose. Flowers of largest size.

Pkt. 10c.; oz. 60c.

**Robert Sydenham.** A beautiful orange-scarlet self.

Pkt. 10c.; oz. 60c.

**Rosabelle.** A very large and beautiful deep rose self.

Pkt. 10c.; oz. 60c.

**Royal Pnrple.** Rich, wavy, rosy pnurple; immense flowers.....Pkt. 10c.; oz. 60c.

**Salena.** The standard and wings are rich cream, edged and flushed rosy-scarlet, flowers beautifully frilled, and a vigorons grower.....Pkt. 25c.

**Thomas Stevenson.** Brilliant orange-scarlet of large size.....Pkt. 10c.; oz. 60c.

**Vermilion Brilliant.** Brilliant scarlet, very fine.

Pkt. 10c.; oz. 60c.

**Wedgwood.** Bright silvery blue...Pkt. 10c.; oz. 60c.

**Warrior.** Color rich reddish maroon flushed with bronze. The flowers are of great size, perfectly formed and placed.....Pkt. 10c.; oz. 65c.

### WATERER'S SUPERB SPENCER MIXTURE

This mixture is made np of a carefully prepared formula. It contains practically all the trne Spencer varieties introdnced to date. Great attention is given to secure a beautiful light mixtnre and yet inclnde all shades nicely balanced and proportioned.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.50.

### DWARF CUPID SWEET PEAS

Compact plants growing 6 inches high and 12 to 15 inches in diameter, and from June nntil late snmmer are literally a sheet of bloom.

**Finest Mixed.** All colors.

Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 60c.; lb. \$2.00.

### EARLY AND LONG-FLOWERING SPENCER SWEET PEAS

These varieties, if sown early in fall under glass, will bloom by Christmas and continue all winter. Grown in tho open, they begin to flower several weeks ahead of the regular or summer-flowering Spencers.

**Enchantress.** A bright rose-pink, becoming deeper toward the edges of standard and wings.

**Heather Bell.** The color is a rich but pleasing manve, but after standing in water becomes a beantifnl manve lavender.

**Lavender King.** This variety is a rich, true, deep lavender throughtout.

**Melody.** Rosy pink on white ground, long stems; flowers large and well waved.

**Morning Star.** Deep orange-scarlet in standard; orange-pink wings.

**Mrs. A. A. Skach.** Shell pink, beantifnlly waved.

**Rose Queen.** A beautifnl shade of rose-pink.

**Snow Flake.** Pure white. The blossoms are very large and of the best waved Spencer form.

**Song Bird.** Pale pink on white ground; the flowers are borne on long stems in threes and fours.

**Spring Maid.** Light pink on a cream ground. It is a most effective flower and carries a great wealth of blossoms borne in fours on long stems.

**Yarrawa.** Bright rose-pink; wings light pink; large and free bloomer.

**Price:** Any of the above.

Pkt. 15c.;  $\frac{1}{2}$  oz. 75c.; oz. \$1.25.

### SWEET PEAS (Early-flowering Grandiflora)

	Pkt.	Oz.	$\frac{1}{4}$ lb.
<b>Christmas Pink.</b> Pink and white.	\$0.10	\$0.25	\$0.75
<b>Christmas White.</b> Pure white....	.10	.25	.75
<b>Earliest of All.</b> Pink and white..	.10	.25	.75
<b>Mrs. Alex. Wallace.</b> Rosy lavender	.10	.25	.75
<b>Mrs. Chas. H. Totty.</b> Lavender..	.10	.25	.75
<b>Mrs. F. J. Dolansky.</b> Pink.....	.10	.25	.75

### GRANDIFLORA SWEET PEAS

**Blanche Ferry.** The popular pink and white.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Dorothy Eckford.** Magnificeent pure white.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Flora Norton.** A pure, bright blno.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Janet Scott.** Deep pink; a fine, large flower.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**King Edward VII.** The finest crimson-scarlet.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Lord Nelson.** The best deep blue.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Mrs. Geo. Higginson, Jr.** Delicate lavender.

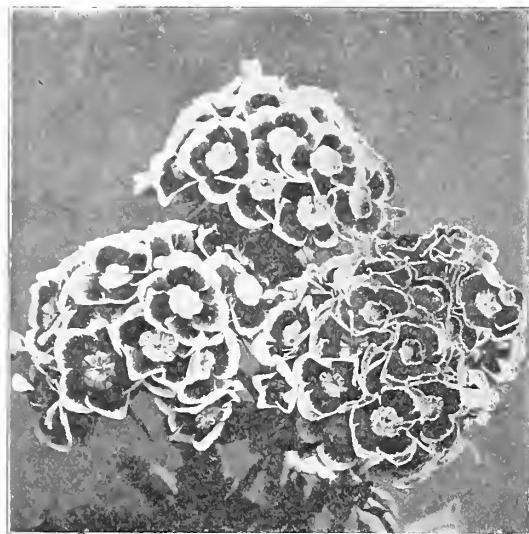
Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Mrs. Walter Wright.** A beautiful manve color.

Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.

**Mixed Grandiflora Sweet Peas.**

Pkt. 5c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.



SWEET WILLIAM

### SUNFLOWER (*Helianthus*)

All the varieties we list are useful for cutting, especially the miniature sorts, which bear their flowers on slender stems, and form neat bushes; 3 to 4 feet in height.

**Miniature Stella.** Single, bright yellow with black center ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**Miniature Orion.** Cactus-flowered, with pointed petals finely twisted and curled ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**Cucumerifolius** (Miniature Sunflower). Small single, rich yellow flowers ..... Pkt. 5c.

**Red Sunflower.** Dark-centered brilliant flowers, banded with bright chestnut-red, merging to yellow at the tips of the petals; 6 feet ..... Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Double Californian** (*Californicus* fl. pl.). Large, deep yellow flowers of perfect form; 6 feet.

Pkt. 10c.; oz. 40c.

**Globosus Fistulosus.** Rich saffron color; flowers large and double; 6 feet ..... Pkt. 5c.; oz. 30c.

**Nanus fl. pl.** Dwarf, double orange flowers; 4 feet. Pkt. 5c.; oz. 30c.

### HARDY PERENNIAL SUNFLOWER

**Mixed.** A mixture of the finest single-flowering hardy perennial sorts. Seed sown early will produce flowering plants the first year ..... Pkt. 20c.

### SWEET ROCKET (*Hesperis*)

A desirable hardy plant; excellent for naturalizing among shrubbery or for planting in a permanent border.

**Mixed.** Fragrant white and purple flowers; perennial; 2 to 3 feet ..... Pkt. 5c.; oz. 40c.

### SWEET WILLIAM (*Dianthus Barbatus*)

A well-known, free-flowering hardy perennial, bearing heads of fragrant, richly colored flowers.

**Pink Beauty.** A beautiful shade of salmon-pink; very large heads on long stems ..... Pkt. 15c.

**Scarlet Beauty.** Large heads of an intense scarlet color; very striking ..... Pkt. 15c.

**Holborn Glory.** Giant-flowering varieties in finest assortment of colors ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 25c.

**Single White** ..... Pkt. 5c.;  $\frac{1}{4}$  oz. 25c.

**Single Mixed** ..... Pkt. 5c.;  $\frac{1}{4}$  oz. 20c.

**Double Mixed.** Special strain. Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Everblooming Sweet William** (*D. latifolius atrocoeruleus* fl. pl.). A very rich crimson flower, double and blooming freely and continuously. Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Imported Collection.** Six varieties, 50c.

### TAGETES

**Signata Pumila.** A pretty little marigold, forming a compact round bush, with slender fernlike foliage and densely covered with flowers of bright yellow, striped brown; a first-class border plant.

Pkt. 10c.;  $\frac{1}{4}$  oz. 35c.

### THUNBERGIA (Black-Eyed Susan)

Beautiful, rapid-growing, annual climbers, used extensively in hanging baskets, vases, etc.; very pretty flowers in buff, white and orange, with dark eyes; 4 feet.

**Alata.** Flowers buff, with dark eye ..... Pkt. 10c.

**Alata Alba.** White, with dark eye ..... Pkt. 10c.

**Aurantiaca.** Orange, with dark eye ..... Pkt. 10c.

**Mixed.** All colors ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 35c.

### TORENIA

A beautiful free-flowering tender annual; splendid for vases, hanging baskets, borders, etc. If started in heat in February or March they commence to bloom in June and continue until frost; height, 10 inches.

**Fournieri.** Sky blue, with three spots of dark blue and a bright yellow throat ..... Pkt. 15c.

### VALERIANA (Garden Heliotrope)

Showy, hardy border plants with large heads of white and red flowers on 3-foot stems, emitting a delicate heliotrope odor.

**Mixed** ..... Pkt. 10c.

### VERONICA (Speedwell)

**Spicata.** An elegant hardy perennial, growing 18 inches high, bearing spikes of bright blue flowers in June and July ..... Pkt. 10c.

### VINCA (Madagascar Periwinkle)

Ornamental free-blooming plants, with dark laurel-like foliage and handsome pink and white flowers. Seed should be sown early and the plants will bloom the first summer. They can be taken up in the fall and potted, and kept in bloom through the winter. Seed germinates slowly; 1½ feet.

**Rosea.** Rose, dark eye ..... Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Alba.** White, crimson eye ..... Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Alba Pura.** Pure white ..... Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Mixed** ..... Pkt. 10c.;  $\frac{1}{4}$  oz. 40c.

### VIOLAS, OR TUFTED PANSIES

These have smaller flowers than the regular pansies, but bear them so profusely that they are preferred for bedding effects where color only is wanted; 6 inches.

**Admirabilis.** Compact, free-flowering and very showy, mixed colors ..... Pkt. 15c.

**Blue Perfection.** Mauve, yellow eye ..... Pkt. 15c.

**Lutea Splendens.** Golden yellow ..... Pkt. 15c.

**Purple Queen.** Deep purplish blue ..... Pkt. 15c.

**Scotch Strains.** Choicest and newest bedding hybrids, mixed ..... Pkt. 35c.



VERBENA

## MAMMOTH VERBENAS

A carefully selected and improved strain of Verbenas. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. Verbenas raised from seed are much more vigorous and free-flowering than if grown from cuttings. Sow in the greenhouse or cold-frame in March, and transplant to the outdoor beds in May. They will bloom abundantly all through the summer and autumn.

Pink .....	Pkt. 10c.
Purple .....	Pkt. 10c.
Scarlet .....	Pkt. 10c.
Striped .....	Pkt. 10c.
White .....	Pkt. 10c.
Blue .....	Pkt. 10c.
Mammoth Mixed .....	Pkt. 10c.; $\frac{1}{4}$ oz. 50c.

Collection of Mammoth Verbenas. Six colors, 50c.

**Hybrida Gigantea.** A wonderful mixture of large-flowering varieties. The flowers are gigantic and with white eye, the reds particularly attractive.

Pkt. 15c.;  $\frac{1}{4}$  oz. 75c.

**Lucifer (New).** Intense brilliant scarlet with no eye.

Pkt. 25c.

**Helen Willmott.** Bright salmon-rose, with white eye.

Pkt. 30c.

## VARIOUS VERBENAS

**Citriodora (Lemon-Scented Verbena).** An old favorite with fragrant evergreen leaves; 3 feet....Pkt. 15c.

**Erinoides (Moss Verbena).** Forming elegant little spreading bushes with finely cut foliage and pretty heads of bloom, purplish rose changing to Oxford blue.

Pkt. 10c.

**Erinoides Alba.** Of the same character as above, but with white flower heads.....Pkt. 10c.

**Venosa.** Largely used for bedding purposes, strong, thrifty growers covered with bright purplish heliotrope flowers; 1 foot .....

Pkt. 10c.

## WALLFLOWER

Well-known deliciously fragrant half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

**Early Paris Market.** This variety, if sown in March, will bloom in July .....Pkt. 10c.

**Goliath.** A splendid single variety; flowers of a rich, shining red, with a black velvety sheen..Pkt. 10c.

**Single Mixed.** All colors.....Pkt. 5c.;  $\frac{1}{4}$  oz. 20c.

**Double Finest Mixed** .....Pkt. 25c.

**Imported Collection of Single Wallflower.** Eight colors, 60c.

## XERANTHEMUM

**Double Mixed.** Beautiful everlasting flowers, easy to grow. Sow in spring where they are desired to bloom. The flowers, of bright rose, purple or white, are borne on long, slender stems, and retain their color when cut and dried. Much prized for winter decorations.

Pkt. 10c.;  $\frac{1}{4}$  oz. 30c.

## GIANT DOUBLE ZINNIAS (Youth and Old Age)

These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. Our strains of Giant Zinnias are truly magnificent. The blooms are of gigantic size, 4 to 6 inches across, and densely double to the very center.

**Giant Scarlet** .....Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Giant White** .....Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Giant Crimson** .....Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Giant Flesh-Pink** .....Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

**Giant Golden Yellow** .....Pkt. 15c.;  $\frac{1}{4}$  oz. 50c.

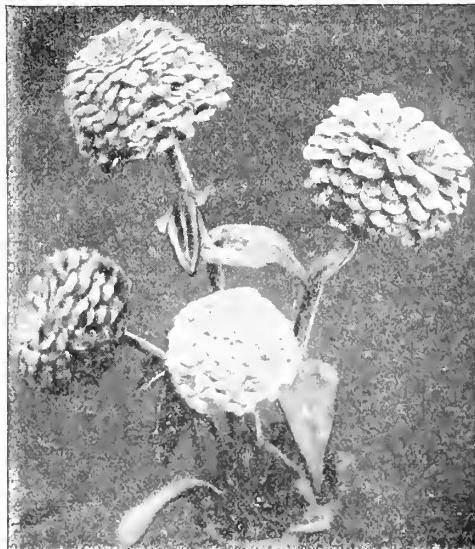
**Giant Mixed** .....Pkt. 15c.;  $\frac{1}{4}$  oz. 40c.

**Achievement.** This new variety is distinct from all other zinnias having tubular petals broad at the base and pointed tips. The color of the backs of the petals varies from lilac to deep mauve, making a wonderful contrast with the warm, salmon, rose and pale pink, scarlet and gold shades of the reverse side....Pkt. 35c.

**Curled and Crested.** Large double flowers; petals twisted and curled; mixed colors; 1½ feet....Pkt. 10c.

**Red Riding Hood.** Miniature double flowers; intense scarlet; 1 foot .....Pkt. 10c.

**Imported Collection Zinnia Elegans.** Ten varieties, 75c.



GIANT DOUBLE ZINNIA



# Summer- Flowering Bulbs



GLADIOLUS

## BEGONIAS (Tuberous Rooted)

### (Superb Large-Flowering)

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the summer.

**Single**—Scarlet, Pink, Orange, Yellow, Salmon.

**Price:** Each color, \$4.00 doz.; \$30.00 per 100.

**Double**—Crimson, Scarlet, Rose, Salmon.

**Price:** Each color, \$4.25 doz.; \$32.50 per 100.

## GLADIOLUS

**America.** Conceded to be one of the finest varieties for cutting or bedding; color, a beautiful, soft flesh-pink tinged with lavender.

75c. per doz.; \$5.00 per 100.

**America White (New).** Bud flesh-white, opening clear white with slight marks of blue in throat.

\$2.25 per doz.; \$15.00 per 100.

**Baron Hulot.** Rich, royal violet-blue, the only real blue Gladiolus on the market.

\$1.50 per doz.; \$10.00 per 100.

**Brenchleyensis.** The best and most effective scarlet for massing (mammoth bulbs).

75c. per doz.; \$5.00 per 100.

**Chicago White.** White, with carmine markings.

90c. per doz.; \$6.00 per 100.

**Empress of India.** A rich, dark red—a rare and beautiful color. .... \$1.15 per doz.; \$8.00 per 100.

“Glory.” Delicate cream pink with a neat, attractive crimson stripe in the center of each lower petal.

\$1.50 per doz.; \$10.00 per 100.

## GLADIOLUS—(Continued)

**Halley.** Delicate salmon-rose, with a creamy yellow blotch on lower petals, fine spike.

90c. per doz.; \$6.00 per 100.

**Klondyke.** Color clear yellow, with a vivid crimson-maroon blotch in the throat. 90c. per doz.; \$6.00 per 100.

**Lily Lehman.** Beautiful ivory-white, faintly tinted rose without markings; large flower with frilled edges.

\$1.75 doz.; \$12.50 per 100.

**Mrs. Francis King.** Light vermillion red, flowers large on spikes growing from 3 to 4 feet.

75c. per doz.; \$5.00 per 100.

**Mrs. Frank Pendleton.** One of the finest varieties yet introduced. In color a lovely salmon pink, with deep red blotches in the throat.

\$1.50 per doz.; \$10.00 per 100.

**Niagara.** A beautiful creamy yellow with rosy carmine in the throat. .... \$1.50 per doz.; \$10.00 per 100.

**Panama.** Bright pink; the improved “America.”

\$1.15 per doz.; \$8.00 per 100.

“Peace.” This is one of the best whites ever offered.

\$1.00 per doz.; \$7.50 per 100.

**Princeps.** An especially fine variety, with immensely wide-open, amaryllis-like flowers of a rich dazzling scarlet. .... \$1.50 per doz.; \$10.00 per 100.

**Schwaben.** A clear canary yellow with brown blotch.

\$1.50 per doz.; \$10.00 per 100.

**Sulphur King.** Conceded to be the finest yellow yet introduced. .... \$2.75 per doz.; \$20.00 per 100.

**War.** This splendid variety is conceded to be one of the best yet introduced. The tall spikes are well filled with large flowers of deep blood-red, shaded crimson black. .... \$1.75 per doz.; \$12.50 per 100.

**Willy Wigman.** Blush white, with large carmine-red blotch, fine form. .... \$1.25 per doz.; \$9.00 per 100.

## GROFF'S SILVER TROPHY AND MIXED HYBRID GLADIOLUS

In three distinct shades of color, each separate. The varieties are among the finest of the Gladioli family, producing immense spikes of gigantic flowers.

**Section No. 1.** This embraces all the shades of scarlet, red and crimson. .... 90c. per doz.; \$6.00 per 100.

**Section No. 2.** The cream of all the yellow, pink, white and light-shaded colors.

\$1.00 per doz.; \$8.00 per 100.

**Section No. 3.** Lilac, heliotrope, violet and all the shades of light and dark blue compose this section.

\$2.00 per doz.; \$13.00 per 100.

**Groff's Mixed Hybrids.** Extra fine.

65c. per doz.; \$4.50 per 100; \$40.00 per 1000.

## GLADIOLUS IN SEPARATE SHADES

	Doz.	100
<b>Scarlet and Crimson.</b> Shades mixed....	\$0.50	\$3.50
White and Light. Shades mixed.....	.50	3.50
Yellow and Orange. Shades mixed.....	.90	7.00
Striped and Variegated. Shades mixed..	.75	5.00
Pink and Rose. Shades mixed.....	.50	3.50
<b>Extra Fine Mixed.</b> Including all colors in great variety .....	.45	3.00

**Primulinus Hybrids.** These Hybrids range in color from pale sulphur-yellow to the deepest chrome-yellow and all the charming shades of orange, including, now and then, some almost white. The flowers are gracefully arranged on long slender spikes which lend themselves to artistic decoration in a wonderful way; from a decorative standpoint they are simply exquisite and become very popular. .... 65c. doz.; \$4.00 per 100.

# Summer-Flowering Bulbs—Continued

## HARDY LILIES

**Auratum** (The Golden-rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across; are produced abundantly from June to October, and possess a most delicious fragrance; 3 to 5 feet.

Each Doz. 100

Mammoth Bulbs .....	.45	\$4.75	\$35.00
Monster Bulbs .....	.55	6.00	45.00

**Speciosum** (*Lancifolium*). Undoubtedly the most popular of all the hardy varieties. The sturdy habit and free-blooming qualities have increased the demand yearly. They are frequently planted among Rhododendrons, as well as in borders and beds.

**Speciosum Album.** Large white flowers; a grand variety.

Mammoth Bulbs .....	.45	\$4.75	\$35.00
Monster Bulbs .....	.55	6.00	45.00

**Speciosum Rubrum.** White ground, spotted rose on each petal; very handsome.

Mammoth Bulbs .....	.45	4.75	35.00
Monster Bulbs .....	.55	6.00	45.00

**Speciosum Magnificum.** White, heavily spotted and shaded with rich crimson.

Mammoth Bulbs .....	.45	4.75	35.00
Monster Bulbs .....	.55	6.00	45.00

**Speciosum Melpomene.** White, suffused with darkest crimson.

Mammoth Bulbs .....	.45	4.75	35.00
Monster Bulbs .....	.55	6.00	45.00

**Canadense** (Canadian Bell-flower Lily). One of our most beautiful native lilies, flowers bright yellow, with black spots .....

Elegans Leonard Joerg.	Rich apricot, spotted, very fine.....	.20	2.00	15.00
Elegans Robusta.	Orange-salmon spotted with brown.....	.20	2.00	15.00

**Hansoni.** Grows from 3 to 4 feet. Flowers reddish orange, eight to twelve in a cluster.....

Henryi	(The Yellow Speciosum).	.75	7.50	50.00
A new and very beautiful hardy lily from Northern China. The plants are of vigorous growth, frequently attaining a height of 6 feet, each stem carrying from five to eight flowers of a rich apricot yellow; spotted with brown .....	.75	7.50	50.00	

**Superbum** (Turk's Cap Lily). Rich orange, petals tipped red and dark spotted, 3 to 4 feet; blooms in July and August.....

Wallacei.	Orange-scarlet, spotted with maroon, 3 feet, September...	.25	2.50	15.00
Tigrinum Flora Plena	(Double Tiger Lily).	.30	3.00	20.00

This is a plant of stately habit, growing from 4 to 6 feet high, bearing an immense number of double bright orange-red flowers spotted with black.....

Tigrinum Flora Plena	(Double Tiger Lily).	.30	3.00	20.00
This is a plant of stately habit, growing from 4 to 6 feet high, bearing an immense number of double bright orange-red flowers spotted with black.....	.30	3.00	20.00	

## CALADIUM ESCULENTUM ELEPHANT EAR

Mammoth Bulbs....35c. each; \$3.50 doz.; \$25.00 100.  
Large Bulbs .....25c. each; \$2.50 doz.; \$18.00 100,

## FANCY-LEAVED CALADIUMS

Choice Varieties .....Per doz. \$3.00.

## CALLA LILIES

**Golden Yellow** (*Elliottiana*). Rich golden-yellow flowers; foliage dark green with white spots.

35c. each; \$3.50 per doz.

**Spotted Leaf** (*Richardia Alba Maculata*). The flowers are white, with a black center; leaves deep green, with white spots .....15c. each; \$1.50 per doz.

## ISMENE CALATHINA

Robust-growing bulbous plants, producing handsome clusters of large, fragrant white flowers on tall, stiff stems. They are admirably adapted for pot culture, flowering during the late winter months, or the bulbs can be kept warm and dry, and planted out in the garden in the middle of May; they will then commence flowering in July.

15c. each; \$1.50 per doz.; \$10.00 per 100.

## TUBEROSES

**Excelsior Double Pearl.** Large flowering bulbs; spike, 2½ to 3 feet high, with large and very double flowers.

\$1.00 per doz.; \$6.00 per 100.

## BEDDING PLANTS FOR SUMMER USE

(Strong pot plants)

Ageratum.	Blue and white.	\$1.50 doz.; \$10.00 per 100.
Alternanthera.	Red and green.	\$1.50 doz.; \$10.00 per 100.
Alyssum	.....	\$1.50 doz.; \$10.00 per 100.
Antirrhinum	.....	\$1.75 doz.; \$12.00 per 100.
Asters	.....	\$1.25 doz.; \$8.00 per 100.
Begonia Vernon.	Bright red.	\$1.75 doz.; \$12.00 per 100.
Coleus	.....	\$1.50 doz.; \$10.00 per 100.
Cosmos	.....	\$1.25 doz.; \$8.00 per 100.
Dracaena Indivisa	.....	\$6.00 and \$12.00 per doz.
English Daisy	.....	\$1.50 doz.; \$10.00 per 100.
Fuchsia	.....	\$2.50 doz.; \$17.50 per 100.
Heliotrope	.....	\$2.75 doz.; \$20.00 per 100.
Lantana	.....	\$2.00 doz.; \$15.00 per 100.
Lemon Verbena	.....	\$2.00 doz.; \$15.00 per 100.
Lobelia	.....	\$1.50 doz.; \$10.00 per 100.
Myosotis	.....	\$1.75 doz.; \$12.00 per 100.
Pansies, mixed colors	.....	\$1.50 doz.; \$10.00 per 100.
Petunias, Single	.....	\$2.00 doz.; \$15.00 per 100.
Petunias, Double	.....	\$2.75 doz.; \$17.50 per 100.
Phlox	.....	\$1.50 doz.; \$10.00 per 100.
Salvia (Scarlet Sage)	.....	\$2.75 doz.; \$17.50 per 100.
Stocks	.....	\$2.00 doz.; \$15.00 per 100.
Verbenas	.....	\$1.75 doz.; \$12.00 per 100.
Variegated Vinca	.....	\$2.75 doz.; \$20.00 per 100.
Zinnias	.....	\$1.50 doz.; \$10.00 per 100.
Geraniums	.....	\$3.00 doz.; \$25.00 per 100.

# Cannas

CANNA PLANTS (Ready May 1st), \$2.50 per doz.; \$15.00 per 100.

**Favorite.** Deep golden yellow, overspread with minute red dots which, however, do not detract from the general color effect. A pretty golden yellow. Vigorous growth and handsome foliage; 4½ feet.

**Feuermeer.** A brilliant fiery scarlet of medium size; exceptionally free-flowering; 4 feet.

**Fire Bird.** A glistening bright scarlet. Flowers are large, with petals often 3 inches in diameter; 4 feet.

**Florence Vaughan.** Green foliage; rich golden yellow, dotted red flowers; 5 feet.

**Gladiator.** Strong vigorous grower, with fine green foliage; large heads of flowers; color is yellow spotted with red; blooms early and late; 5 feet.

**Gustav Gumpfer.** This is an ideal, rich golden-yellow bedding canna; the flowers, of good size, are held well above the foliage; 4 feet.

**J. D. Eisele.** Brilliant vermillion, scarlet; 3½ feet.

**Jean Tissot.** Brilliant vermillion, orange shading; 3½ feet.

**King Humbert.** In this we have the finest type of orange-scarlot flowers, combined with the finest type of bronze foliage; 4 to 5 feet.

**Louisiana.** Large, vivid scarlet flowers; glossy green foliage; 7 feet.

**Maros.** The best white-flowering canna. Its flowers of creamy white are produced very freely on stems thrown well above the foliage.

**Meteor.** Magnificent bedding variety with massive erect trusses of deep blood-red flowers; 5 feet.

**Mme. Crozy.** Popular and valuable; rich orange-scarlet flowers, edged with bright golden yellow; 4 feet.

**Mrs. Alfred Conard.** Exquisite, salmon-pink flowers of large size, erect and abundantly produced; rich green foliage; 4 feet.

**Orange Bedder.** Bright orange-scarlet, slightly suffused scarlet. An exceptionally free bloomer and a dazzling color. The best bedding variety in this color; 5 feet.

**President Myers.** Rich, carmine flowers; bronze foliage; 4 feet.

**Queen Charlotte.** Rich pomegranate red, bordered with bright golden yellow; 4 feet.

**Richard Wallace.** Green foliage, large canary yellow flowers; 4½ feet.

**Rosea Gigantea.** Rich rose-pink flowers, dark foliage; 4 feet.

**Rubin.** Bright scarlet flowers; dark foliage; 4 feet.

**Souv. d'Antoine Crozy.** Beautiful red; bordered with golden yellow; 3½ feet.

**Uncle Sam.** Clear, deep orange flowers, borne in large clusters; handsome, luxuriant, rich green foliage; 6 feet.

**Venus.** The color is a gay rose pink, with mottled border of creamy white; 4 feet.

**Wyoming.** Orange-scarlet flowers; dark foliage; 4½ feet.

**Yellow King Humbert.** Massive, pure yellow flowers, dotted with red; green foliage; 5 feet.

# Dahlias

## SHOW DAHLIAS

Being of largest size, fine form, early and continuous bloomers.

**Cuban Giant.** Very large deep crimson shaded maroon, fine form. Stems are very long.....50c. each.

**A. D. Livoni.** Clear, bright pink, quilled petals, the best pink show dahlia.....25c. each.

**Dreer's Yellow.** An immense clear yellow, with full center and quilled petals.....50c. each.

**Dreer's White.** A pure white of large size and formation of Grand Duke Alexis.....50c. each.

**Dorothy Peacock.** A bright sea-shell pink color. 50c. each.

**Grand Duke Alexis.** White edged lavender. Quilled petals .....50c. each.

**Mrs. Hartong.** Primrose buff, suffused soft apricot. 25c. each.

**Pink Swan.** A silvery pink sport of white swan. 35c. each.

**Red Hussar.** Richest dazzling cardinal red. Strong, vigorous grower and free bloomer on long stems. Best red show dahlia for cutting.....25c. each.

**Susan.** Soft blush pink, medium size, splendid form and free bloomer.....30c. each.

**White Swan.** Large, pure white.....25c. each.

**W. W. Rawson.** Very large, with semi-quilled petals, long upright stems, color white, delicately flushed and suffused lilac .....50c. each.

## FANCY DAHLIAS

Fancy Dahlias are of the same form, type, etc., as Show Dahlias, only are spotted, penciled or striped two or more colors or tipped lighter than the ground color.

**Admiral Schley.** Rich garnet, tinting to carmine and white at tips of petals, splendid form.

**Emily May.** Yellow, blotched bronzy red.

**Fern-Leaved Beauty.** Red tipped white; fern-like foliage.

**Gold Smith.** Yellow edged and striped bright crimson.

**Jamaica.** Crimson maroon, tipped white, quilled petals.

**Lucy Fawcett.** Very large, pale yellow penciled carmine.

**Miss Browning.** Clear rich canary yellow, tipped white.

**Olympia.** Large, deep pink, penciled and striped crimson.

**Penelope.** White flaked, rosy lake, beautiful and elusive.

**Progress.** Soft rosy lake, penciled crimson.

**Striped Banner.** Intense scarlet tipped white.

**Price.** Any of the above Fancy Dahlias. 25c. each; \$2.50 doz.

## PÆONY-FLOWERED DAHLIAS

A beautiful type with wide petals rather loosely arranged. The flowers are of huge size and resemble the Japanese Peony; all of them are carried on long, stiff stems.

**Baron G. De Grancy.** A waxy, almost glistening pure white .....30c. each.

**Dr. Peary.** One of the darkest. A brilliant reddish mahogany .....50c. each.

**Geisha.** Enormous flower of rich scarlet and gold. \$1.00 each.

**Hortulanus Budde.** Bright orange red. Immense size .....40c. each.

**John Wanamaker.** Color, rose lake or orchid pink. Large flower .....50c. each.

**F. R. Austin.** Color, the outer petals are very long creamy yellow suffused, banded and shaded rich crimson; the inner petals are yellow at base tinting lighter, and suffused pink and crimson .....75c. each.

## SEED CATALOGUE, 1921

### SUPERB CACTUS DAHLIAS

**Bianca.** A magnificent new caetus dahlia, an exquisite rose ..... \$1.00 each.

**Bridal Robe.** One of the very best white caetus, very large full flowers ..... 50c. each.

**Brigadier.** Rich, vivid cardinal, long narrow pointed petals. A strong, vigorous grower and free bloomer. 25c. each.

**Crystal.** One of the very finest, clear soft-pink caetus ..... 75c. each.

**Claudius.** One of the very best; bright, bold, crimson, of largest size ..... 35c. each.

**Dorothy Hawes.** Large clear rose purple, tinting lighter toward centre. Very large flower, with long twisted incurved petals. A true English Cactus variety. 30c. each.

**Duchess of Marlboro.** A magnificent caetus, most pleasing and effective. Rich golden orange overlaid solferino ..... 50c. each.

**Edith Carter.** Bright yellow, heavily tipped bright rosy carmine. Fine form and good size ..... 75c. each.

**General Buller.** Rich velvety maroon, tipped white. 25c. each.

**Golden Eagle.** Very large, bright yellow, suffused rose and fawn; one of the best ..... 50c. each.

**Graphic.** Very dark purple, tinting to maroon. 50c. each.

**H. Shoesmith.** Brilliant vermillion scarlet, the best bright-red caetus ..... 30c. each.

**Iolanthe.** Deep coral-red, tipped gold, large flower. 35c. each.

**Kalif.** Very large, pure scarlet ..... \$1.00 each.

**Kriemhilde.** Deep rosy pink with lighter center. 25c. each.

**Lucia.** Yellow shaded buff, tipped white ..... 25c. each.

**Marathon.** Very large; color, yellow suffused bronze, shaded rosy carmine ..... 30c. each.

**Marguerite Bouchon.** A charming, bright, lively pink, tinting to flesh pink at center ..... 75c. each.

**Marjorie Castleton.** The color is a soft rosy pink, tinting lighter toward the center ..... 25c. each.

**Miss Willmott.** An old favorite on account of its rich bronzy shades, long stiff stems and early and profuse blooming qualities ..... 50c. each.

**Mme. Henri Cayeaux.** Clear pink, long slender petals. 50c. each.

**Model.** Clear yellow passing to rose. Wonderful form ..... 75c. each.

**Mrs. Chas. Scott.** Soft buff yellow with bronzy tint. 35c. each.

**Mrs. Winstanley.** Orange red. A striking combination ..... 25c. each.

**Mrs. C. G. Wyatt.** A beautiful, pure-white caetus with long incurved petals ..... 50c. each.

**Perlehilde.** A delicate shell pink sport of Kriemhilde. 25c. each.

**Reine Cayeaux.** Rich glowing red, a grand garden or cut-flower variety ..... 35c. each.

**Success.** Clear yellow, one of the best for garden or exhibition ..... 35c. each.

**Wodan.** Old gold at center, shading to salmon rose. 75c. each.



### SELECT DECORATIVE DAHLIAS

These are all large, profuse bloomers and will give greatest satisfaction.

**Autumn Glory.** A soft golden terra-cotta color that is rich and pleasing by day, and entrancingly lovely under artificial light ..... 30c. each.

**Delice.** The most popular pure bright rose-pink variety ..... 30c. each.

**Hortulanus Fiet.** A colossal flower of the most delicate shade of shrimp-pink. The entire flower has a suffusion of delicate tints of red and gold, which gives a glow of great charm ..... 75c. each.

**Hortulanus Witte.** A very large free-flowering, pure white; a splendid cut flower and exhibition variety. 50c. each.

**Jack Rose.** Brilliant crimson red, similar in shade to the popular "Jack" Rose; perfect for garden decoration and cutting ..... 25c. each.

**Lyndhurst.** Brightest vermillion; the best bright red for cutting. An early, free and continuous bloomer, with long straight stems ..... 25c. each.

**Minnie Burgle.** A rich luminous dark scarlet, on long stiff stems, splendid both for cutting and garden decoration ..... 50c. each.

**Minnie McCullough.** Very striking. Soft golden yellow, tipped bronzy red; effective under artificial light, perfect form, on long erect stems ..... 25c. each.

**Mme. Marz.** A giant white. Very full to centre. 50c. each.

**Mme. A. Lumiere.** White, tipped bright violet red. 50c. each.

**Mrs. J. Gardner Cassatt.** Very large, bright cerise pink ..... 25c. each.

**Queen Mary.** Shell pink; very large flower, unquestionably the largest and finest decorative dahlia. 50c. each.

**Souvenir de Gustave Douzon.** Soft scarlet-red. A giant flower ..... 25c. each.

**Sylvia.** Deep pink, tinting to flesh pink at center; large, perfect form, on long stiff stems ..... 25c. each.

**Wm. Agnew.** Very large, dazzling crimson-scarlet. Early and profuse bloomer ..... 25c. each.

## COLLARETTE DAHLIAS

This uniquely distinct class or type is rapidly gaining in popularity. The flowers are single with a row of smaller or collar petals around the center. These collar petals are generally distinct in color from the rest of the flower.

## SUPERB COLLARETTE DAHLIAS

**Albert Maumene.** Velvety crimson purple, margined white, collarette white ..... 25c. each.

**Arden.** Very rich and effective deep golden yellow blotched vivid orange-crimson, collar pure yellow. ..... 50c. each.

**Comte. Chermeteff.** Cream suffused red; light collar. ..... 25c. each.

**Diamant.** Very large, velvety violet, collar light rose; very distinct and effective ..... 25c. each.

**Dorian.** Rich crimson, shaded maroon; collar white suffused crimson ..... 50c. each.

**Elgrave.** Duplex collarette, most novel and effective, with two or more rows of petals. Rich maroon, collar petals maroon heavily tipped white ..... 25c. each.

**Henri Farman.** Yellow blotched red, cream collarette. ..... 25c. each.

**Jules Buyssens.** White and rose; collar white suffused rose ..... 25c. each.

**Maurice Revoir.** Rich crimson maroon; white collarette ..... 25c. each.

**Mme. F. G. Bruant.** Rich velvety maroon, with white collarette; large and fine ..... 25c. each.

**Mons. L. Ferard.** Rich rosy crimson, edged and marked white; very large collar of same color. ..... 25c. each.

**Princess Louise.** An exquisito new variety; large carmino and white; collar white suffused carmine. ..... 25c. each.

**Regularity.** Color scarlet and white, most effective for all purposes ..... 25c. each.

## POMPON DAHLIAS

This class is a miniature form of the show and fancy dahlias, having the same round, ball-like form, but much smaller in size. The plants are also smaller, of branching habit, producing the flowers in endless profusion. As they can be cut in sprays they are valuable for bouquets and for small grounds.

**Allie Mourey.** Light pink, tipped deep pink. ..... 25c. each.

**Clarissa.** Pale primrose ..... 25c. each.

**Glow.** Very fine, rich coral ..... 25c. each.

**Girlie.** Pinkish mauve ..... 25c. each.

**Helen Lambert.** Clear yellow ..... 25c. each.

**Klein Domitea.** Bright golden terra-cotta. ..... 25c. each.

**Little Frank.** Amber, shaded salmon ..... 25c. each.

**Little Herman.** Cardinal red, tipped white. ..... 25c. each.

**Little Sweetheart.** Red, tipped white ..... 25c. each.

**Lassie.** Yellow, edged and tipped white ..... 25c. each.

**Madeline.** Primroso, edged rosy purple ..... 25c. each.

**Neatness.** Salmon pink ..... 25c. each.

**San Toy.** White, heavily edged rosy carmine. ..... 25c. each.

**Seashell.** Soft shell pink ..... 25c. each.

**Snowclad.** The best pure-white pompon ..... 25c. each.

## DUPLEX DAHLIAS

A type of two or more rows of petals, mostly broad and flat, not noticeably twisted or curled. Formerly included in the peony class, we offer a few of the very best only.

**Big Chief.** Enormous size, rich crimson margined maroon. A very strong, vigorous plant, with fern-like foliage ..... 25c. each.

**Canary.** Pure canary yellow of very largest size; an early, free and continuous bloomer on long slender stems; the best yellow ..... 30c. each.

**Double-Fringed Century.** White suffused pink, shaded crimson, with white tips ..... 35c. each.

**Sensation.** Vermilion red, tipped snow white. Distinct and striking. Strong, vigorous grower; profuse bloomer ..... 25c. each.

**Souv. de Franz Liszt.** Very large, crimson, richly shaded with white markings ..... 25c. each.

**Variegated Liszt.** Dark oriental red, with yellow tips and markings. A superior variety for decorations, especially where a bronzy effect is wanted. .... 25c. each.

## SUPERB CENTURY SINGLE DAHLIAS

These have become very popular both for garden decoration and for cutting. We list a few of the best varieties.

**Anna Long.** Clear rosy pink, with white band running through each petal; sometimes solid pink. ..... 25c. each.

**Autumn Century.** A fine large, bronzy variety; buff yellow, shading through amber to red, with an iridescent sheen ..... 35c. each.

**Eckford Century.** A pure white, beautifully spotted pink and penciled crimson ..... 35c. each.

**Geisha Century.** The inner half of the petal is a rich yellow, the outer half is an intensely rich scarlet. ..... 25c. each.

**Gloria.** A very striking century; rich yellow, tipped and penciled vivid red ..... 50c. each.

**Josephine.** The aeme of perfection in snow white; a splendid cut flower ..... 50c. each.

**Mrs. Joseph Lucas.** A combination of shades. Rich yellow overlaid bronzy scarlet, lightened, suffused and edged salmon rose ..... 50c. each.

**Mrs. J. C. Hance Century.** Bright carmine pink, with blush-white disc. A lovely flower of largest size. ..... 25c. each.

**Mrs. Wendell Reber.** A blending of soft tints, suffused and tipped lightly soft scarlot. A variety that must be seen to be fully appreciated. .... 25c. each.

**Purple Century.** Flowers are finely formed, with good texture and a wonderful rich purple color. ..... 75c. each.

**Rose Pink Century.** The largest and best deep pink; enormous flowers on long stems ..... 25c. each.

**Twentieth Century.** Early in the season an intense rosy-crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white suffused with soft pink ..... 25c. each.

**Vermilion Century.** Rich vermillion red, fine large regular form and borne on long stiff stems. .... 50c. each.

**Wildfire Century.** Brilliant cochineal-red, with orange-scarlet suffusion ..... 25c. each.

**Yellow Century.** Very large yellow, with long stiff stems. .... 25c. each.



# Carnations

Price, except where noted:

	Doz.	100.
Rooted cuttings .....	\$1.00	\$8.00
Plants from 2½-inch pots .....	2.00	12.00

**Alice.** This flesh-pink variety has perhaps been more widely disseminated than any introduced in many years. It has shown, also, that it has come into its own with the advent of cold weather, the flowers being of better quality and fully the equal of any light or flesh-pink carnation in commerce.

**Arawana.** A clear, bright crimson. Very productive and does not burst the calyx. It is not an exhibition variety, but produces blooms of a good quality that keep well.

**Aviator.** A very intense scarlet. Flowers are of medium size, well formed with a full center. One of the best-producing carnations and a dependable variety at all seasons.

**Beacon.** This variety needs no description to the carnation grower. It is one of the best varieties for Christmas scarlet that has ever been introduced.

**Bonora.** The best variegated carnation. In color it is creamy white, penciled with bright red. It is a free grower and a good producer, in addition to being an excellent keeper.

**Crystal White.** A new introduction which has the same vigorous constitution as Matchless, with large, full flowers of the purest glistening white, early and very productive. It can be brought into full crop by November 1st. Crystal White has been awarded the American Carnation Society Gold Medal.

**Enchantress Supreme.** Light salmon-pink in color; has the characteristics of the Enchantress family in habit of growth and productiveness. It is better than Enchantress, from which it is a sport, in color, calyx and form of flower. It is so much of an improvement that we have discarded Enchantress and offer Enchantress Supreme as the best of the flesh-pink varieties.

**Eureka.** This is a seedling of Beacon. It is considerably brighter in color than Beacon. In growth, the plant is almost identical with its parent. The flower, although a trifle smaller, has the additional merit of not bursting the calyx and shows good keeping qualities.

**Hope Henshaw (New).** Seedling from Mrs. C. W. Ward and Good Cheer. Similar in color to Good Cheer. Of very free and easy growth. Promises to be a profitable cerise pink.

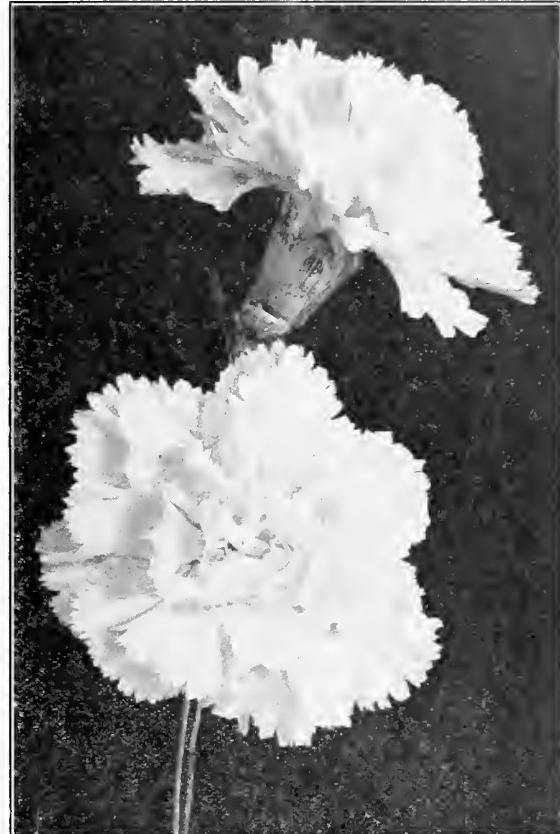
	Doz.	100.
Rooted cuttings .....	\$2.50	\$20.00
2½-inch pots .....	3.00	25.00

**Laddie.** Color, a warm rose salmon pink. Flowers of largest size. The keeping qualities are beyond question far ahead of any carnation yet produced. The growth is good and clean, makes large plants which quickly throw strong, stiff flowering shoots. The calyx is all that can be desired. An early and prolific producer.

	Doz.	100.
Rooted cuttings .....	\$1.50	\$12.00
2½-inch pots .....	2.00	15.00

**Maine Sunshine (New).** Clear, golden yellow. Seedling from Mrs. C. W. Ward and Crystal White. Easy to grow. Resembles Matchless in size and form. Truly a wonderful yellow variety.

	Doz.	100.
Rooted Cuttings .....	\$3.00	\$20.00
2½-inch pots .....	4.00	25.00



**Matchless.** This variety is regarded by many as the best white carnation, in spite of the fact that it needs early planting and carries a slight tinge of color in its petals at certain seasons. This tinge of color seems to enhance rather than detract from its beauty. It is a good, average producer and the flowers are of the best quality.

**Mrs. C. W. Ward.** In the dark pink section, Mrs. C. W. Ward is the only variety generally grown, and the plant characteristics, combined with keeping quality and high-class bloom, recommend it to all carnation growers.

**Nebraska.** A bright scarlet. Plant is a strong grower, producing long, stiff-stemmed flowers, and considered among the best of the large-flowered scarlets.

**White Enchantress.** This old favorite has stood the test of time and is today one of the finest white carnations. It is a clean grower, produces good flowers, and produces them constantly throughout the season.

**White Wonder.** Large, pure white blooms on long, wiry stems are characteristic of this variety. It is a producer and one of the finest white carnations. It is a fitting companion to Matchless and White Enchantress. White Wonder does not produce surplus wood, but every growth will produce a perfect flower.



# Chrysanthemums (Greenhouse Varieties)



## GENERAL LIST OF EXHIBITION VARIETIES

Price: 20c. per plant; \$2.00 per doz.; \$15.00 per 100, except where noted.

**Bob Pulling.** Large, deep flower, orange-yellow in color. It carries foliage well up to the flower.

**Crystal Gem.** Clear white; strong grower, very easily managed, with a high percentage of perfect blooms.

**C. H. Totty.** In color a chestnut-scarlet; flower large and growth strong.

**Elberon.** A large Japanese incurved; a very pleasing shade of pink; strong grower, with good stem.

**Earl Kitchener.** A very large flower, amaranth in color with silvery reverse to the petal.

**Elvia Scoville.** A pure-white sport of the well-known variety, Wells' Late Pink.

**F. S. Vallis.** Largest yellow in cultivation and indispensable for use in short vase classes.

**Glenview.** Semi-dwarf in growth and making large bloom; deep bronze in color. Good variety for general growing.

**Harvard.** Japanese reflexed, very dark crimson; in perfection November 15th and later.

**Lady Hopetoun.** Light pink in color. Flowers large and beautifully formed. Dwarf in habit.

**Louisa Pickett.** Color purest possible white, flower, stem and foliage are alike enormous.

**Meudon.** Dwarf in habit, making large, heavy bloom. Bright pink in color and reflexed in form.

**Mrs. G. Lloyd Wigg.** An immense, reflexed flower, light yellow in color. One of the finest exhibition.

**Mrs. Gilbert Drabble.** The largest white variety.

**Mrs. R. C. Pulling.** Clear, bright yellow in color, and the flower is of large size. One of the best exhibition varieties.

**Mrs. H. S. Firestone.** Color pinkish, chamois-buff, stem perfectly rigid and foliage right up to the flower.

30c. per plant; \$3.00 per doz.

**Mrs. G. G. Mason.** Very distinct variety; color blood red, with a gold reverse, though very, very little of the gold reverse appears.

## EXHIBITION VARIETIES—(Continued)

**Mrs. J. Leslie Davis (Pink Turner).** Identical with Turner in every respect save color, which is a clear lavender-pink. . . . Per plant, \$1.00 each; \$10.00 per doz.

**Mrs. J. Gibson.** A phenomenal variety. Enormous alike in stem, foliage and flower; color light pink, shading to deeper pink lines on ends of petals.

**Nag-ir-roc.** Deep, glowing orange-yellow in color; very large flower. One of the finest exhibition varieties that has ever been offered.

**Nerissa.** A high, well-rounded bloom, rosy mauve in color, with broad, heavy petals.

**October Herald.** Orange-yellow, similar in color to Old Gold or Modello; reflexing form, with somewhat twisted petals.

**Odessa.** The finest exhibition yellow for the late shows. It is perfect in form and color.

**Pockett's Crimson.** Crimson, with gold tips to the petals.

**President John Everett.** The color is a unique chamois-pink when first opening; petals closely incurved, forming a perfect ball. As the flower develops, the center petals open outward, showing a bronzy crimson reverse. An excellent exhibition bronze.

**Rose Pockett.** Light yellow, showing an occasional tint of bronze. Semi-dwarf.

**William H. Waite.** Deep bronze in color, so brilliant as to seem almost shading to scarlet in some of the flowers.

**William Rigby.** Yellow sport of Mrs. Gilbert Drabble. Beautiful, bright canary-yellow. Exact duplicate of Mrs. Drabble except in color.

**William Turner.** Pure-white bloom, incurved and very large. A general favorite.

**Yellow William Turner.** The parent of this variety is the most popular white variety. Except in color, it is identical in every respect with its parent.

## CHOICE GENERAL-PURPOSE CHRYSANTHEMUMS

Price: 15c. per plant, \$1.50 per doz.; \$10.00 per 100.

**Chieftain.** A very fine mid-season, deep, clear pink variety.

**Chrysolora.** A very fine yellow.

**Colonel Appleton.** An old favorite yellow.

**Dr. Enguehard.** A fine late pink.

**Glory of the Pacific.** Dwarf habit; fine for early pink.

**Golden Chadwick.** One of the best late yellow varieties.

**Major Bonnaffon.** An incurved, golden-yellow variety.

**Maud Dean.** One of the oldest and most reliable late pinks.

**Pacific Supreme.** The most widely grown early pink.

**Polly Rose.** An early, pure-white variety; dwarf habit.

**Smith's Advance.** The finest early mid-season white.

**Timothy Eaton.** Strong and vigorous, with large white bloom.

**Wells' Late Pink.** Clear, bright pink in color. Easy of culture.

**W. H. Chadwick.** Pure white or slightly pinkish when grown cool.

**Yellow Eaton.** A large yellow of strong growth and a general favorite.

## GARDEN CHRYSANTHEMUMS

The development of the hardy chrysanthemum has made it possible to have the garden bright with flowers long after the majority of hardy herbaceous plants are past. The various-colored flowers are excellent for cutting. The following list is a selection of the best varieties.

**Acto.** Very deep pink; large flowers.

**Adironda.** Bronze button; best in its type, color and season.

**Baby.** Clear, bright yellow; very small, button-shaped flowers.

**Baby Margaret.** A white sport of Baby, with flowers a trifle larger and coming a little earlier.

**Delphine Dodge.** A very fine free-flowering variety; rose-pink in color.

**Diana.** A very fine, pure-white variety of large size.

**Donald.** Light pink of the button type.

**Doris.** A button-type pompon, reddish-bronze in color.

**Edina.** Rose-pink, large-flowered type.

**Fairy Queen.** Clear pink in color, with nicely formed flowers of medium size.

**Frank Wilcox.** Golden bronze; makes a very fine pot plant.

**Golden Climax.** One of the finest of all the yellow pompons.

**Harvest Moon.** A clear golden yellow in color. It is of the button type and flowers are of medium size.

**Helen Newberry.** Medium-sized flowers of pure white.

**Hilda Canning.** A reddish-bronze button type; the finest pompon of its color.

**Jules Lagravere.** Deep red; best variety in its color.

**Little Gem.** In pink, of the button type, there is nothing finer than this new pompon.

**Lillian Doty.** Beautifully formed shell-pink flowers.

**Lula.** White in color; medium-sized flowers.

**Maid of Kent.** Early white, button type; fine under glass or outdoors.

**Mariana.** A first-class large-flowered white.

**Mimico.** A seedling of Lillian Doty. Similar to it, but better in color.

**Quinola.** Large flowers, golden yellow in color.

**Rita.** Bright pink in color; button type.

**Romaine Warren.** Orange-yellow or light bronze.

**Skibo.** A golden-yellow pompon of the button type.

**Wanda.** Large flowers; white.

**Western Beauty.** Deep rose-pink in color; flower medium-sized.

**White Lillian Doty.** A pure white sport of the well-known variety, Lillian Doty.

**Price:** Any of the above, 20c. each; \$2.00 per doz.; \$12.00 per 100.

## EARLY FLOWERING CHRYSANTHEMUMS FOR OUTDOOR GROWING

**Price:** 2½-inch pots, \$1.50 per doz., \$10 per 100.

**Alice Howell.** A wonderfully rich shade of orange-yellow.

**Aquitaine.** Salmon-bronze in color. Medium dwarf.

**Chaldon.** Large flowers; reddish crimson in color with gold tips to the florets.

**Cranford's Pink.** Large rose-pink flowers.

**Cranford's White.** Large, white flowers; shell-pink when grown in the open. Medium height.

**Cranford's Yellow.** One of the finest. A strong grower and free flowering.

**Leslie.** Golden yellow in color; very free flowering; early.

**Miss F. Collier.** The best pure white. Medium dwarf.

**Mme. Aug. Nonin.** Large, delicate pink flowers. Medium dwarf.

**Nina Blick.** Golden bronze; very free flowering. Medium dwarf.

**Normandie.** Delicate pink. Medium dwarf.

**Provence.** Large, bright pink flowers with gold points to petals. Medium height.

## HARDY CLIMBING PLANTS

**Akebia Quinata.** A quick grower, with bunches of small violet-brown flowers....50c. each; \$5.00 per doz.

**Ampelopsis Engelmanni.** A variety of the Virginia creeper with foliage of glossy green, changing to brilliant crimson in autumn.

50c. each; \$5.00 per doz.; \$35.00 per 100.

**Ampelopsis Quinquefolia (Virginia Creeper).**

40c. each; \$4.00 per doz.; \$30.00 per 100.

**Ampelopsis Veitchii (Boston Ivy).** The best climber to cling to walls, trees, etc. Strong plants.

50c. each; \$5.00 per doz.; \$35.00 per 100.

**Aristolochia Sipho (Dutchman's Pipe Vine).** Extra-strong plants.....\$1.25 each.

**Bignonia Grandiflora (Trumpet Vine).** Large, orange-red flowers.....50c. each; \$5.00 per doz.

**Bignonia Radicans.** Dark red, very free-flowering.

60c. each; \$6.00 per doz.

**Clematis Anderson Henryi.** Creamy-white, large.

75c. each; \$7.50 per doz.

**Clematis Jackmani.** The popular rich purple variety.

75c. each; \$7.50 per doz.

**Clematis Paniculata (Japanese Virgin's Bower).** One of the finest climbers; clouds of small fragrant flowers in August....30c. each; \$2.50 per doz.; \$18.00 per 100.

**Euonymus Radicans.** Deep green foliage; useful for covering low foundation walls.

30c. each; \$2.50 per doz.; \$18.00 per 100.

**Euonymus Radicans Variegata.** A beautiful small-leaved green and white variegated form.

30c. each; \$2.50 per doz.; \$18.00 per 100.

**Euonymus Radicans Vegeta.** A large-leaved form, splendid for covering high walls.

30c. each; \$2.50 per doz.; \$18.00 per 100.

**Euonymus Kewensis.** A new variety, with very small dark-green foliage, especially valuable as a rock plant or ground cover.

30c. each; \$2.50 per doz.; \$18.00 per 100.

**Honeysuckle Chinese Evergreen (Woodbine).** Red, yellow and white.....50c. each; \$5.00 per doz.

**Honeysuckle Halliana.** White, turning yellow.

50c. each; \$5.00 per doz.

**Honeysuckle Variegated.** Foliage mottled yellow and green.....50c. each; \$5.00 per doz.

**Honeysuckle Yellow Trumpet.** Yellow trumpet-shaped flowers.....50c. each; \$5.00 per doz.

**Ivy, English.** Invaluable for covering walls; also for covering graves. 4-inch pots 35c. each; \$3.50 per doz.; \$25.00 per 100. Extra large plants, in 7-inch pots, 6 feet high.....\$2.50 each.

**Lathyrus Latifolius (Everlasting Pea).** Deep rosy-red.....30c. each; \$2.50 per doz.

**Lathyrus Latifolius Albus.** White.

30c. each; \$2.50 per doz.

**Lathyrus Latifolius White Pearl.** Flowers fully double the size of the type...60c. each; \$6.00 per doz.

**Wistaria Sinensis (Chinese Wistaria).** Blue.

\$1.00 each.

**Wistaria Sinensis Alba.** White.....\$1.00 each.

## CALIFORNIA PRIVET

(*Ligustrum ovalifolium*)

The California Privet is a rapid grower under all conditions. Has handsome glossy foliage that lasts well into the winter. It may be used as a specimen or in a hedge. Withstands any amount of pruning, and is extremely hardy. To make a good hedge, set the plants in a double row 6 inches apart and 6 inches between the rows, placing the plants diagonally opposite. Absolutely free from insects. Strong, select, well-rooted plants.

	Per 50	Per 100	Per 1000
24 to 30 inches.....	\$3.50	\$6.00	\$50.00
30 to 36 inches.....	4.50	8.00	70.00



# Roses For Greenhouse Growers

Orders booked for strong, clean and perfectly healthy plants, for delivery, 2½-inch pot plants ready in March; 3-inch in April; 4-inch in June.

Order Roses early, stating date you wish them sent, so as to insure delivery on time.

All varieties listed can be supplied either grafted or own root, except where noted.

Price: Any of the following, except where noted.

	Per doz.	Per 100.
Grafted, 2½-inch pots .....	\$6.00	\$45.00
Grafted, 3-inch pots.....	7.00	50.00
Grafted, 4-inch pots .....	8.00	60.00
Own Root, 2½-inch pots .....	4.00	30.00
Own Root, 3-inch pots .....	5.00	40.00
Own Root, 4-inch pots .....	6.00	50.00

Bon Silene (Grafted only). Lovers of old-time roses can always find a place for Bon Silene. Its bright, cherry-colored blooms, which are filled with fragrance and are produced in greatest profusion, ranked this variety at the head of the list of small roses for corsage and table work until the advent of Cecile Brunner.

Cecile Brunner. A delicate pink-cluster rose which, for freedom of flowering and for the varied uses to which it is put, has no equal. It is the corsage bouquet rose of the nation and whether known under its right name or as Sweetheart or Mignon, it will remain one of the popular roses of commerce.

Columbia. This new rose of 1918 has proved a universal favorite and is today the most popular market rose in its color in cultivation. It will entirely replace the older type of greenhouse rose. It is an Ophelia seedling, strong in growth, making long, straight stems. It is a pleasing shade of rose pink in color. Double enough to make a good shipping and keeping flower and yet opening well at all times. It is an excellent winter variety and should be grown in every rose house.

Double White Killarney. This rose is the leading and best white rose ever grown, when quality of bloom is considered. There have been many sports of White Killarney, but this rose, known as the Budlong strain, has shown superiority to the other sports in every respect and it is recognized today that Double White Killarney means the Budlong strain. It is pure white and the flowers are of great substance. We unhesitatingly recommend it as the best white forcing rose in existence.

Evelyn. Sport of Ophelia. It is practically a double Ophelia and a rose that is worth general growing. In number of petals it shows about fifty compared to half that number of the parent. It is similar in color except that the salmon is a trifle more pronounced at the base of the petals. It is the equal of the parent in growth, foliage and flowering ability.

Francis Scott Key. A big red rose of great substance and keeping quality. Without doubt it is one of the best new roses offered to the growers of this country. It is an excellent grower, producing a good quantity of bloom of high quality on heavy, strong stems. It is primarily a summer rose and is not at its best except in warm weather.

Hadley. This deep crimson rose has shown that if properly handled it is the best crimson rose of commerce. It is a strong grower when propagated from heavy wood. It is showing marked improvement, the result of careful selection of grafting wood, and has proved that it is at its best when grafted. Its fragrance is unsurpassed. It is a favorite and a variety that is worthy of general growing.

Hoosier Beauty. Deep crimson, a color which had not been seen among the roses of commerce for many years until the advent of Hadley. It is a vigorous grower, producing long, flowering shoots which come to maturity quickly. Flowers are of exceptional keeping quality. For the average grower, Hoosier Beauty is exceptionally fine.

Jenkheer J. L. Mock. Called by some the New La France, which seems to fit this rose very aptly. A big producer of high-grade flowers on long, strong stems. It is a strong-growing variety and does well either own root or grafted, the grafted plants being superior. At its best in midsummer.

Kaiserin Augusta Victoria. An old favorite where good white roses are wanted in summer. It is not a winter rose and should be planted in the bench early to get the benefit of the entire growing season. Grafted plants are to be preferred.

Killarney. The rose that made history and changed the rose-growing industry of America from a losing proposition to a profitable one. Killarney and its sports have been the leading varieties for many years. Killarney varies in color, but its light, delicate pink is the favorite of many.

## Greenhouse Roses—Continued

**Killarney Brilliant.** By selection, Killarney Brilliant has come into its own as the best of the pink sports of Killarney. It is deeper in color and fully as strong and vigorous from selected stock. It is the best dark pink rose we have for general growing.

**Lady Alice Stanley.** Deep, clear rose-pink in color. Very double flowers that open perfectly. It is a garden rose of great value, and as a greenhouse rose it has many friends. It is of easy habits, grows freely and flowers well. It does not mildew easily and can be recommended to the private grower.

**Lady Hillingdon.** This has been largely replaced by Mrs. Aaron Ward and Sunburst. Its wonderful color, when matured, is equalled by none of the others and its easy habit of growth, combined with its freedom of flowering, retain for it a place among the good varieties of greenhouse roses. It is a glorious shade of copper-yellow when expanded, improving in color as the flower matures.

**Milady.** The habit of growth is strong and sturdy and the foliage is excellent. The flower is large and double and opens perfectly at all seasons of the year. In color it is similar to Richmond, although richer in color in the bud.

**Mme. Colette Martinet** (Own root only). In color a glorious yellow that will hold and does not fade seriously with the ageing of the flower. Not large, but of fair size. It classes with Mrs. Aaron Ward, but is superior in color, growth and productiveness.

**Mme. Paul Euler** (Prima Donna). Vermilion silvery pink in color. Perfect in form, large, full and very fragrant. A garden rose of great value and grown very successfully inside by a number.

**Mrs. Aaron Ward.** This is the most profitable yellow rose grown. Its Indian-yellow bud, changing color with the expanding flower, is a universal favorite. Its uses are varied. It is a summer and winter rose, good at all seasons. Wonderfully free-flowering at all times.

**Mrs. Chas. Russell.** Until the advent of Columbia, this was by far the most popular rose that has ever been offered, from the cut-flower standpoint. It is a wonderful keeper when cut and this fact alone would make it deservedly popular. It is a strong-growing variety, making heavy wood and strong stems. The foliage is heavy and not inclined to mildew. It is not easily propagated or grafted.

**Perle d'Or.** A salmon-yellow cluster rose on the style of Cecile Brunner.

**My Maryland** (Grafted only). The warm summer weather brings My Maryland into its own, and its wonderful freedom of flowering is ample reason for its popularity.

**Ophelia.** This variety stands today as the best light pink rose ever offered. It is salmon-flesh-pink in color, shading to yellow at the base of the petal in the partially opened flower, and is very attractive. The real charm lies in the open flower which is, to the rose lover, perfection in form and color. It is of easy habit, grows well, and produces well.

**Premier.** A seedling of Ophelia and Russell. The flowers are of Russell type and hold a clear pure shade of rose-pink throughout the year. It is a free, easy grower. The stems are stiff and almost thornless. The foliage is ample. It is a distinct and valuable addition to the list of good roses.

**Radiance.** Cerise-pink in color and of easy culture. It is a clean grower, producing good flowers and an abundance of heavy wood. Aside from being a greenhouse favorite, it has the distinction of being the best pink bedding rose in existence.

**Red Radiance.** There has been a demand among the rose growers of America for a red rose that is easy to handle and one that is free from the failings of other well-known red roses. Radiance is an easy doer and this red sport of Radiance will be welcomed, especially by the private gardeners who grow Radiance extensively.

**Richmond.** Beautifully formed flowers of bright scarlet, brighter than Hoosier Beauty and Hadley. It has been for years the standard of quality for red and crimson roses. It is better grafted.

**Sunburst** (Own Root). Long, pointed buds that open perfectly into a sunburst of deep, golden yellow is the best description we can make of this wonderful rose. From the standpoint of quality, it is the best yellow rose ever grown. It is at its best on its own roots and we offer own-root plants only.

**White Killarney.** The Waban strain of White Killarney shares with the Budlong strain of Double White Killarney the honor of being the best white rose. Growers have their preference and govern their planting accordingly. It is a stronger grower than Killarney.

### NEW ROSES

<b>CRUSADES</b>	<b>FRANK W. DUNLOP</b>	<b>MADAME BUTTERFLY</b>
	<b>MRS. JOHN COOK</b>	<b>PILGRIM</b>

For description and prices of the above Five New Roses, see page 29



## Hardy Garden Roses

### HYBRID TEA ROSES

This class is the most desirable from which to select garden roses, their free and continuous-blooming tendencies making it possible, with a careful selection of varieties, to cut flowers from early June until frost.

Price: Any of the following, strong plants.  
\$1.00 each; \$12.00 per doz.

**Chateau de Clos Vougeot.** Deep, velvety crimson.

**Earl of Warwick.** Soft salmon, shaded vermillion. Large and free.

**Etoile de France.** Deep velvety crimson, shaded cerise.

**General MacArthur.** Velvety scarlet; very free.

**Geo. C. Waud.** Glowing orange-vermillion.

**Gruss an Teplitz.** Scarlet-crimson; always in flower.

**Hoosier Beauty.** Glowing crimson with darker shadings.

**Jonkheer J. L. Mock.** Carmine, changing to imperial pink. A fine garden rose.

**Kaiserin Augusta Victoria.** Soft pearly white; always reliable.

**Killarney.** Bright pink, shading to white.

**Killarney Brilliant.** Rosy carmine, better color and more substance than Killarney.

**Lady Alice Stanley.** Deep coral-rose, shaded flesh. Exceptionally good.

**Mabel Drew.** Deep cream, passing to canary-yellow.

**Miss Cynthia Forde.** Deep, brilliant rose-pink, shading to light, rosy pink. Fine.

**Mme. Abel Chatenay.** Carmine-rose, shaded salmon.

**Mme. Caroline Testout.** Satiny pink. A reliable rose.

**Mme. Chas. Lutaud.** Chrome-yellow, tinted rosy scarlet.

**Mme. Edouard Herriot (Daily Mail Rose).** Coral-red, shaded terra-cotta. Very striking.

**Mme. Jules Grolez.** Satiny china-pink; very free.

**Mme. Segond Weber.** Rosy salmon; free and of good form.

**Mrs. Aaron Ward.** Indian yellow, shading to prim-rose. The most popular rose in this color.

**Mrs. Wakefield Christie Miller.** Pearly blush, shaded salmon, outside of petals vermillion-rose. Very large flower.

**My Maryland.** Bright clear pink; large; fine form.

**Ophelia.** Salmon-pink, shaded rose. A splendid garden rose.

**Prince de Bulgarie.** Rosy flesh, shaded salmon.

**Radiance.** Bright pink, shaded salmon and rose; the best pink garden rose.

**Richmond.** Scarlet-crimson; a popular rose.

**Souvenir du President Carnot.** Flesh, shaded white.

**Sunburst.** Cadmium-yellow, suffused orange.

**White Killarney.** A standard white.

**Willowmere.** Coral-red, opening rich shrimp-pink.

### HARDY HYBRID PERPETUAL ROSES

The varieties of this type are quite hardy and, while they require little attention when once established, they are benefited by a slight winter protection. A number of the varieties will produce splendid flowers during the autumn.

Price: Any of the following strong plants, \$1.00 each; \$12.00 per doz.

**Alfred Colomb.** Bright cherry-red, shaded crimson; fragrant and of firm globular form.

**Baron de Bonstetten.** Velvety blackish crimson; large and full.

**Baroness Rothschild.** Pale flesh; very large, full, superb in form. A chaste and beautiful rose.

**Clio.** Very delicate flesh-color, center shaded pale pink; large, full and globular.

**Frau Karl Drusckii.** Pure white in color; perfect form, free and continuous. The best white garden rose.

**General Jacqueminot.** This magnificent variety, known for over a half-century as the "Jack Rose," is entirely too well known to require description. Flaming scarlet.

**George Arends.** Large, full, delicate rose-pink flowers deliciously scented. Very free; one of the finest recent additions.

**Magna Charta.** Bright pink, suffused with carmine; vigorous in growth and very hardy. A beautiful and well-known variety.

**Mrs. John Laing.** Well-formed flowers, soft pink in color; long-stemmed flowers produced freely throughout the season. One of the best bedding roses.

**Paul Neyron.** Color bright shining pink, and very attractive. A grand garden variety; vigorous smooth growth, nearly thornless.

**Prince Camille de Rohan.** Deep velvety crimson; full, fine form.

**Ulrich Brunner.** Cherry-red; flowers large, full, and of globular form. A hardy and free-flowering garden rose of innumerable good qualities.

### HARDY CLIMBING AND RAMBLING ROSES

Strong plants from pots....75c. each; \$7.50 per doz.

**American Pillar.** Bright pink, clear eye; showy yellow stamens; very good.

**Christine Wright.** Bright wild-rose pink; large flowers.

**Climbing American Beauty.** Rosy carmine; a fine new climber.

**Crimson Rambler.** The well-known crimson.

**Dr. Van Fleet.** Flesh-pink, deepening to rosy flesh; large flowers.

**Dorothy Perkins.** Soft light pink; a very popular rose.

**Excelsa.** Crimson-maroon, tinged scarlet; the best red rambler.

**Hiawatha.** Brilliant carmine, distinct white eye; a fine single variety.

**Lady Gay.** Delicate cerise-pink; much like Dorothy Perkins.

**Silver Moon.** Large, silvery white, semi-double flowers, with prominent yellow stamens; very attractive.

**Tausendschon.** Soft, variable pink; large trusses; one of the best.

**White Dorothy Perkins.** A white counterpart of the popular Dorothy Perkins.

## HERBACEOUS PEONIES

These are among the most beautiful of hardy perennials and can be effectively used in almost every conceivable position in the garden.

	Each.	Doz.
Achille. A beautiful soft mauve-rose, changing to white.....	\$0.50	\$5.00
Andre Lauries. Strong vigorous grower; deep Tyrian rose. Extra good.....	1.00	10.00
Arthemise. Large, violet-rose, with light mauve shadings .....	.75	7.50
Augustin D'Hour. Brilliant dark red with slight silvery reflex.....	.75	7.50
Belle Chatelaine. Delicate mauve-rose with amber-white collar and center.....	.50	5.00
Baron James Rothschild. Light rosylilac, very free .....	1.25	12.00
Canari. One of the freest-blooming varieties, pure white guard petals with amber-white center .....	.75	7.50
Charlemagne. A very vigorous grower; lilac-white with a slight blush center....	.50	5.00
Duchesse de Nemours. Sulphur-white, changing to pure white.....	.50	5.00
Duke of Wellington. An ideal cut-flower variety; color sulphur-white, quite fragrant .....	.50	5.00
Edulis Superba. Flowers deep rose-pink with lighter shadings.....	.50	5.00
Eugene Verdier. Immense globular flowers, delicate flesh color, deepening toward the center.....	1.50	....
Festiva Maxima. This truly superb variety is considered the finest white in cultivation .....	.50	5.00
Francois Ortegat. Brilliant crimson; full double flower; one of the richest dark varieties .....	.60	6.00
General Bertrand. Large compact dark pink; early .....	.75	7.50
Globosa. Pale rose, changing to nearly white .....	.60	6.00
Grandiflora Rosea. Bright pink, shaded salmon .....	.60	6.00
Grandiflora Rubra. Immense globular light red .....	1.25	....
Golden Harvest. Peach-blossom pink with creamy-white center.....	.50	5.00
La Brune. Large showy deep carmine-violet; very free .....	.50	5.00
Lady Bramwell. A beautiful silver-rose of fine form .....	.60	6.00
L'Indispensable. Immense flowers of a delicate lilac-pink, with darker shadings toward the center .....	.75	7.50
Louis van Houtte. Rich dark crimson, developing a slight silvery tip as the flowers age .....	.50	5.00
Mme. Boulanger. A very choice variety of a soft lilac tinted white; petals of great substance .....	.75	7.50
Mme. Crousse. Purest white, very large; fragrant .....	.75	7.50
Mme. Ducel. Bright silvery-pink, with salmon shadings and silvery reflex. Magnificent cut flower and fine bedder.....	.75	7.50
Mme. Forel. Large bright deep pink, shading lighter toward the edges.....	.75	7.50
Mme. Geissler. Very large globular flower; violet-rose tipped with silver.....	.75	7.50
Mons. Mallet. Tyrian-rose with salmon shadings in the center .....	.60	6.00
Queen Victoria. Pure white with creamy-white center. A very popular variety .....	.75	7.50
Reine des Fleurs. Bright violet-rose with lighter shadings .....	.60	6.00
Triomphe du Nord. Light carnation-pink .....	.75	7.50

## HARDY PERENNIAL PHLOXES

Phloxes will succeed in almost any deep, well-manured soil; their most important requirement being plenty of water during the growing season. The flowering season commences early in July and by removing the spikes of blooms as soon as over it can be prolonged until October.

**Albion** (Medium). Pure white flowers, with faint red eye.

**Bacchante** (Medium). Tyrian rose with crimson-carmine eye.

**Baron von Dedem** (Medium). Brilliant cochineal-red with salmon shadings.

**Bridesmaid** (Tall). White, with large crimson-carmine center.

**Champs Elysee** (Dwarf). A very bright rosy magenta.

**Crepuscule** (Medium). Shading from a deep crimson center, through rose-lilac to a white edge.

**Europea** (Medium). A white variety with very decided crimson-carmine eye; the individual flowers as well as the trusses are very large.

**Elizabeth Campbell** (Medium). Very bright salmon-pink, with lighter shadings and dark crimson eye. The most popular phlox grown today.

**Eclaireur** (Tall). Brilliant rosy magenta, with large lighter halo.

**Frau Anton Buchner** (Medium). The finest white variety yet introduced, having the largest truss and individual flower.

**Gefion** (Dwarf). A new color in phloxes, a tender peach-blossom pink with bright rose eye.

**Grideur** (Medium). Soft mauve-rose, suffused and overlaid with a lively shade of cerise.

**Henry Murger** (Tall). White, crimson-carmine center.

**Jeanne d'Arc** (Tall). A good standard late white.

**La Vague** (Medium). Pure mauve, with aniline-red eye.

**Miss Lingard**. This grand free-flowering white variety is a universal favorite, coming into flower in May; it continues in flower throughout the season.

**Mme. Paul Dutrie** (Tall). A delicate lilac-rose.

**Mrs. Jenkins** (Tall). The best tall early white for massing.

**Obergaertner Wittig** (Medium). Bright magenta, with crimson-carmine eye; large flower and truss; one of the best.

**Riverton Jewel** (Dwarf). A lively shade of mauve-rose illuminated by a carmine-red eye.

**Rosenberg** (Medium). Bright reddish-violet, blood-red eye.

**Rynstrom** (Medium). An improved form of the popular variety Pantheon; fine for massing, of a Paul Neyron rose color.

**Thor** (Dwarf). A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow and a light almost white halo around its aniline-red eye.

**Viking** (Medium). A splendid new variety, and one of the latest to flower, producing much branched pyramidal heads of bloom of a pleasing soft salmon-rose.

**W. C. Egan** (Medium). One of the finest phloxes yet introduced, and while the individual flowers according to the color-chart are of a delicate lilac color illuminated by a large bright solferino eye, the color effect as a whole is a delicate pleasing shade of soft pink.

**Von Lassburg** (Medium). The purest white in cultivation, individual flowers larger than any other white.

Price: Any of the above varieties.

25c. each; \$2.50 per doz.

## PHLOX SUBULATA (Moss or Mountain Pink)

Dwarf trailing plants, with evergreen moss-like foliage; great profusion of flowers from April to June. An excellent plant for the rockery or the border, and invaluable for carpeting the ground or covering graves.

**Alba**. Pure white ..... 20c. each; \$2.00 per doz.

**Lilacina**. Light lilac ..... 20c. each; \$2.00 per doz.

**Rosea**. Bright rose ..... 20c. each; \$2.00 per doz.



# Waterer's Select Fruits

## BLACKBERRIES

Price: \$1.00 per 10; \$7.00 per 100.

**Erie.** Early, hardy and productive; large, sweet fruit of excellent quality.

**Eldorado.** Sweet, melting and rich. A valuable variety, being hardy and very productive.

**Lawton.** A good variety of fine flavor that is very productive.

**Rathburn.** Heavy bearer; extra large, jet black fruits of fine quality.

## CURRENTS

**Fay's Prolific.** The berries are exceedingly large, and are mild and not so acid as the cherry. A remarkable cropper. The bush is very vigorous. It is especially recommended for home use. Late.

**President Wilder.** This is a very prolific sort and has become quite popular. The large bunches and berries are very attractive and red even when dead ripe. Late.

**Victoria.** The best late variety. The bunches are long and the pale red berries are of medium size. They are of superior quality. The bush bears profusely and is a good kind to plant to succeed the other varieties.

**White Grape.** The fruit is sweet and very fine for table use.

Price: Any of the above varieties of currants.

Per doz. \$2.00; \$15.00 per 100.

## GOOSEBERRIES

**Downing.** Large berries, solid and very firm. The bush is unusually free from mildew. It produces great quantities of large light-colored berries and they are of excellent quality.

**Houghton.** Very productive; the berry is of medium size, and for general purposes is one of the best varieties. When the berry is ripe it is a good red, and is sweet and good.

Price of Gooseberries....Doz. \$2.50; \$15.00 per 100.

## RASPBERRIES

Price .....\$1.00 per 10; \$7.00 per 100.

**Cumberland.** Large, black, firm and juicy.

**Cuthbert.** Late red; good quality and very hardy.

**Gregg.** Large, early black variety. A vigorous grower and a heavy yielder.

**St. Regis.** A new, ever-bearing red variety. A valuable fruit for any home garden.

## GRAPES

Prices of all varieties, 50c. each; \$4.50 per 10; \$30.00 per 100.

**Brighton.** Fine tasting; excellent quality; red. A productive and vigorous variety that is equal to the better-known Delaware.

**Campbell's Early.** Large bunches; large sweet fruits. A very early bearer and a most satisfactory variety for the home garden.

**Catawba.** Late; red; medium sized; sweet.

**Concord.** Blue; familiar sort; delicious flavor. If you have room for only one variety, this is the kind that we suggest.

**Delaware.** Red; small; compact bunches. Sweet; sugary tasting with musky aroma. One of the finest.

**Moore's Early.** Black; very early. The large size of the fruit makes this a popular kind.

**Niagara.** White; large; sweet, delicious flavor. Probably the best white grape in cultivation.

**Worden.** Black; large clusters; sweet. A seedling of the Concord. Ripens a little earlier and considered by some to be superior.

## STRAWBERRIES

All the standard sorts, in layer plants, \$2.00 per 100; \$15.00 per 1000.

## CHOICE FRUIT TREES (Strong, Selected Stock)

These can be shipped by express only.

### APPLES

**Baldwin.** Large round, deep red; late variety.

**Ben Davis.** A late keeper; handsome striped fruit.

**Grimes' Golden.** Deep golden yellow; fine for Christmas.

**Hyslop (Crab).** Deep crimson with blase bloom.

**Maiden's Blush.** Clear pale yellow, red check; fine.

**Smokehouse.** Yellow striped, bright red; crisp and juicy.

**Stayman's Winesap.** Fine variety, good keeper, deep red on a yellow ground.

**Transcendent (Crab).** Yellow striped, red; good yielder.

Price of Apple Trees: 5 to 6 feet high, \$1.25 each; \$6.00 for 6; \$10.00 per doz.

### APRICOTS

**Moorpark.** The earliest large apricot, luscious, somewhat resembling a peach, but maturing about three weeks earlier.

**Harris Hardy.** This is one of the newest apricots and is bound to become a general favorite.

Price of Apricots: \$1.25 each; \$6.00 for 6; \$10.00 per doz.

### CHERRIES

**Black Tartarian (Sweet).** Large, purplish black; immense bearer.

**Early Richmond (Sour).** Dark red, medium size, splendid flavor.

**Governor Wood (Sweet).** Light yellow, shaded bright red.

**Montmorency (Sour).** Light red; very productive.

**Windsor (Sweet).** Large, dark purple; fine fruit.

Price of Cherry Trees. 4 to 6 feet, \$1.50 each; \$8.00 for 6; \$15.00 per doz.

### PEACHES

**Belle of Georgia.** Free-stone, rich creamy white; red cheek.

**Carman.** Early, pale yellow red blush; very fine.

**Crawford's Late.** Greenish-yellow with dull red cheek; free-stone.

**Elberta.** Medium, very large, yellow with red cheek; free-stone.

**Mountain Rose.** Early, white with red check; free-stone.

**Stump the World.** White with red shading; free-stone.

Price of Peach Trees: 5 to 6 feet, \$1.00 each; \$5.00 for 6; \$9.00 per doz.

### PEARS

**Bartlett.** Yellow, shaded blush; very sweet and juicy; early.

**Kieffer.** A fine variety for late autumn and for canning.

**Lawrence.** Canary yellow, sweet and a splendid keeper.

**Seckel.** Small, yellowish brown; very sweet and juicy.

Price of Pears: 5 to 6 feet, \$1.50 each; \$8.00 for 6; \$15.00 per doz.

### PLUMS

**Abundance.** Amber, turning to a rich bright cherry color.

**Burbank.** Orange yellow, overlaid red, rich and sugary.

Price of Plums: 4 to 5 feet, \$1.50 each; \$8.00 for 6; \$15.00 per doz.



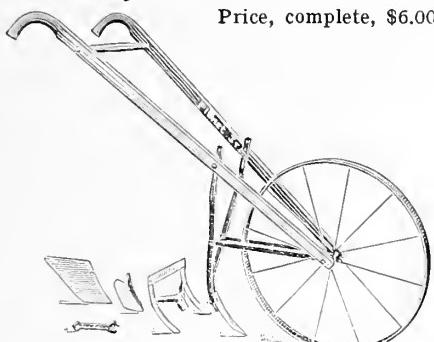
# Planet Jr., Farm and Garden Tools



These are the greatest time, labor and money savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed. Ask for special Planet Jr. catalogue.

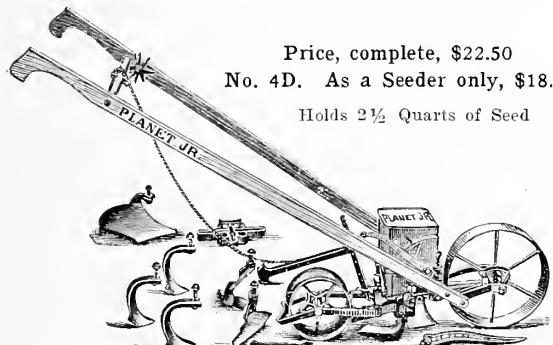
No. 119 Planet Jr. Garden Plow and Cultivator

Price, complete, \$6.00



This new member of the "Planet Jr." family will appeal to all those who prefer a high wheel tool for their garden work. The equipment is so complete that it will meet all the needs of the ordinary garden, where the adjustments and refinements of the higher priced Wheel Hoes are not required.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow



Price, complete, \$22.50

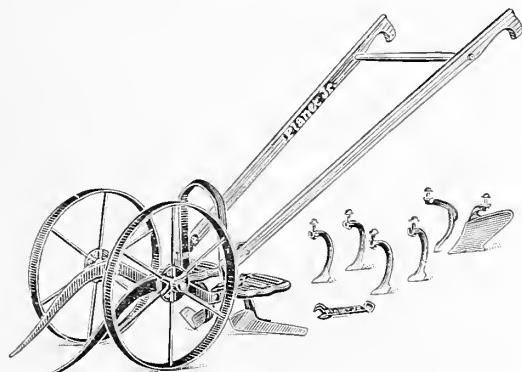
No. 4D. As a Seeder only, \$18.00

Holds 2½ Quarts of Seed

This tool combines in a single convenient implement a first-class hill and drill seeder, having the same sowing device as the No. 3 Seeder, with a Wheel Hoe, Cultivator and Plow. Popular with gardeners. Fully guaranteed.

No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow

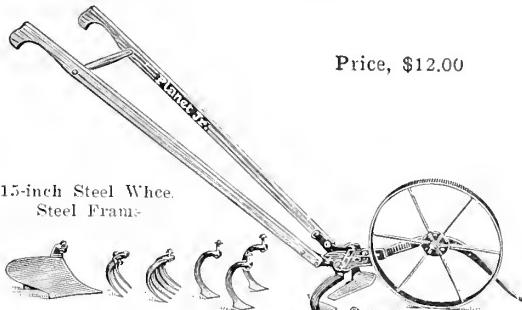
Price, \$14.75



A Double and Single Wheel Hoe in one. 14-inch steel wheels. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels. The greatest hand cultivating tool made.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$12.00



We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools, which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

No. 17 Planet Jr. Single Wheel Hoe  
Price \$8.25

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 19 Planet Jr. Garden Plow and Cultivator

Price, \$7.00



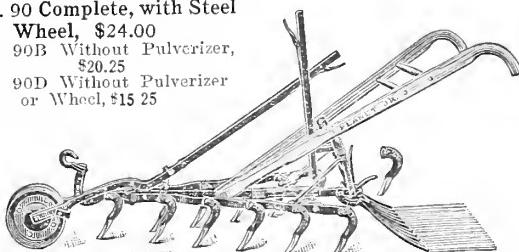
This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. It is light-running, strong, well made, and quickly adjusted. The height of the handles can be changed to suit man or woman, boy or girl.

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

No. 90 Complete, with Steel Wheel, \$24.00

No. 90B Without Pulverizer, \$20.25

No. 90D Without Pulverizer or Wheel, \$15.25



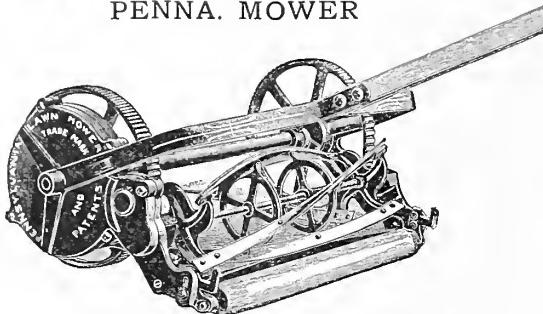
With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.



## Lawn Mowers

(Prices subject to change without notice)

### PENNA. MOWER



### PENNA. AND CONTINENTAL MOWERS

	15 in.	17 in.	19 in.	21 in.
High Wheel .....	\$28.50	\$32.50	\$36.50	\$40.50
12 in.     14 in.     16 in.     18 in.				

	15 in.	17 in.	19 in.	21 in.
Penna. Low Wheel.....	\$16.50	\$19.00	\$22.00	\$25.00

### GREAT AMERICAN BALL BEARING

	15 in.	17 in.	19 in.	21 in.
High Wheel .....	\$21.00	\$23.50	\$26.00	\$29.00

### PENNA. JR. BALL BEARING MOWERS

	15 in.	17 in.	19 in.	21 in.
High Wheel .....	\$30.00	\$34.00	\$38.00	\$42.00
12 in.     14 in.     16 in.     18 in.				

	15 in.	17 in.	19 in.	21 in.
Low Wheel .....	\$18.00	\$21.00	\$24.00	\$27.00

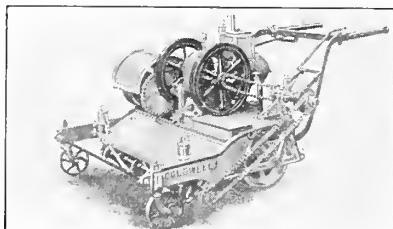
### PHILADELPHIA LAWN MOWER

High wheel style A. All steel.			
15-inch.....	\$25.00	19-inch.....	\$31.50
17-inch.....	28.00	21-inch.....	33.00

### PHILA. GASOLINE MOTOR-DRIVEN LAWN MOWERS

30-inch, made in walking type only.  
40-inch, made in both walking and riding type.  
Price on application.

### COLDWELL MOTOR MOWERS



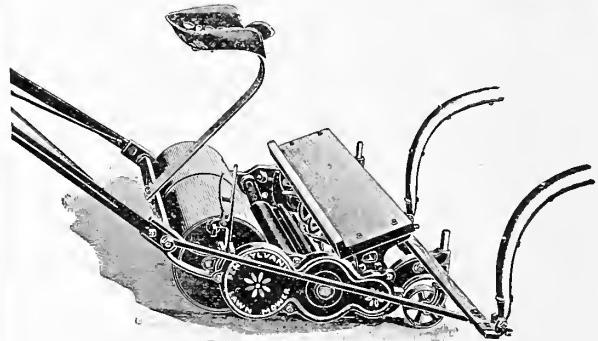
TYPE OF MODELS G AND H

These mowers are sold for net cash f. o. b. Newburgh, N. Y.

Model G. 35-inch cut.....	\$550.00
Model H. 30-inch cut.....	500.00
Model J. 40-inch cut.....	1500.00

Any of the Coldwell Motor Mowers can be used as lawn rollers independent of the mowing feature.

Lawn Mower Oil ..... \$1.25 per gal.



### PENNSYLVANIA HORSE MOWER

30-inch, open cylinder, 4 blades \$135.00; 6 blades \$155.00  
38-inch, open cylinder, 4 blades 175.00; 6 blades 195.00

With Shafts, Seat and side draft attachment:

For 30-inch..... 4 blades \$175.00; 6 blades \$195.00  
For 38-inch..... 4 blades 225.00; 6 blades 245.00  
25-inch Pony Mower. 4 blades 70.00; 6 blades 85.00

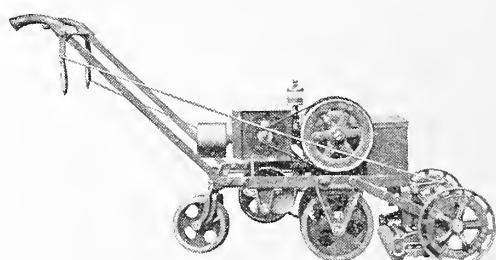
### PENNA. "GRAND" HORSE MOWER

The high-grade material and workmanship of this mower are characteristic of all machines of this make. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

30-inch cut..... 4 blades \$150.00; 6 blades \$170.00  
38-inch cut..... 4 blades 190.00; 6 blades 210.00

With Shafts, Seat and side attachment:

For 30-inch..... 4 blades \$175.00; 6 blades \$195.00  
For 38-inch..... 4 blades 225.00; 6 blades 245.00



IDEAL POWER LAWN MOWER

A very successful power mower. Will mow from 4 to 5 acres of grass per day, at a cost of 50c. for fuel and oil.

Prices: 22-inch cut, \$265.00; 30-inch cut, \$380.00; f. o. b. Phila. 36-inch Triplex, \$1125.00; f. o. b. Lansing, Mich.

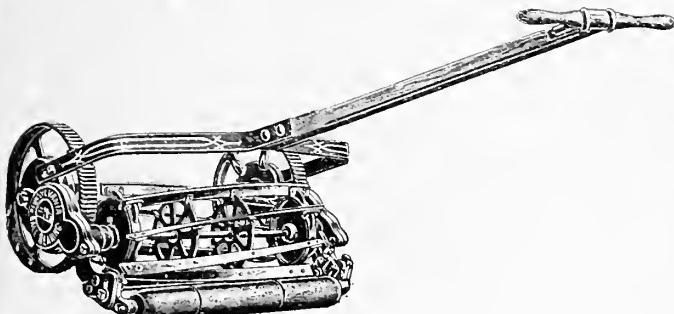
### COLDWELL HORSE LAWN MOWER

Is used in many public parks and private estates. Price, complete with shafts, seat and side draft attachment, which keeps the horse on the cut grass; 30-inch cut, \$107.50; 35-inch, \$132.50; 40-inch, \$165.00; 25-inch Pony, without shafts, \$70.00.



# Garden Tools and Requisites

(All prices subject to change without notice)

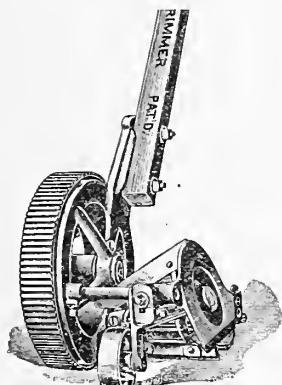


## PENNSYLVANIA GOLF LAWN MOWER

8-inch Low Wheel, 6 Blades. Plain Bearing.	9½-inch High Wheel, 7 Blades. Ball Bearing.
14-inch ..... \$25.00	17-inch ..... \$37.50
16-inch ..... 28.00	19-inch ..... 42.00
18-inch ..... 31.00	21-inch ..... 46.50



## PENNA. UNDERCUT LAWN TRIMMER



PENNA. UNDERCUT LAWN TRIMMER

The unique construction of the Undereut Trimmer permits cutting close up to a wall, fence, tree, etc. \$13.00.

Penna. Trimmer  
(Regular style) ... \$11.50

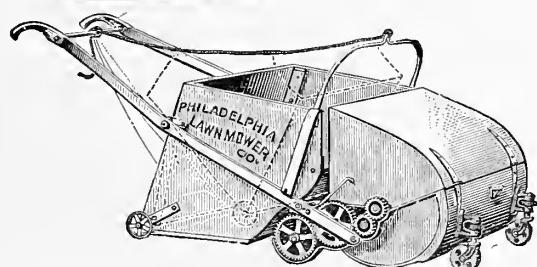
Coldwell Trimmer... 9.50

Philadelphia  
Trimmer ..... 8.50

## HORSE BOOTS



The Hansel. Prevent breaking the sod. One of the best boots on the market. Set of four, \$16.00.



## PHILADELPHIA HORSE LAWN SWEEPER

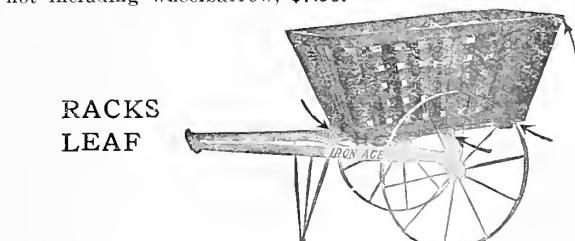
A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. The only reliable horse machine on the market. Sweeps 40 inches wide. Price, \$120.00.

## PENN. LAWN CLEANER AND RAKE

This hand machine will remove from the lawn not only the cut grass, but all sorts of leaves and litter, leaving the grass standing upright. One man can do more work than four with rakes. Easy to operate. 24 inches wide, \$35.00; 36 inches wide, \$50.00.

## WHEELBARROW LEAF RACK

This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use. Price, not including wheelbarrow, \$7.50.



RACKS  
LEAF

Made of wire and metal, thoroughly galvanized. Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck.

Leaf Rack only, no truck, \$16.00.

## LEAF RACK AND TRUCK

With 1½-inch tires (steel wheels)..... \$31.00  
With 2½-inch tires (steel wheels)..... 34.00  
With 3½-inch tires (steel wheels)..... 35.00

## GRASS CATCHERS (Braun's)

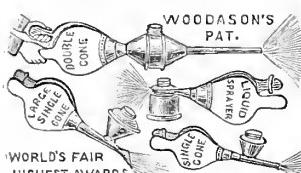
Made to fit the Pennsylvania, Continental and Great American Mowers.	
12-inch ..... \$3.60	17-inch ..... \$4.25
14-inch ..... 3.60	18-inch ..... 4.25
15-inch ..... 4.25	19-inch ..... 4.75
16-inch ..... 4.25	21-inch ..... 5.20

## Garden Tools and Requisites—Continued

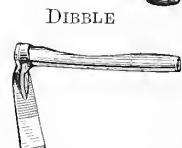
(All prices subject to change without notice)



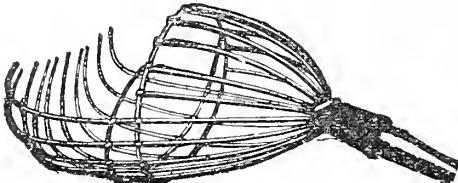
ASPARAGUS KNIVES



WOODASON'S BELLOWS



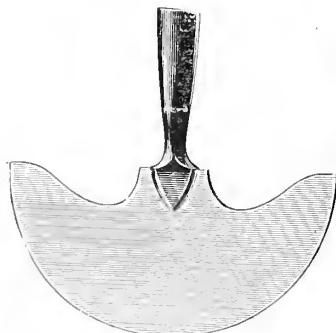
TRANSPLANTING HOE



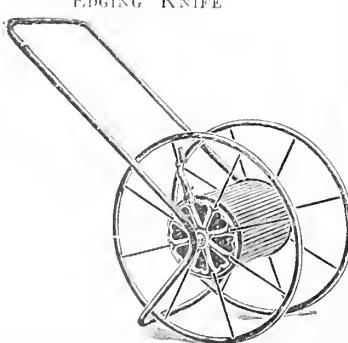
BOSS WIRE FRUIT PICKER



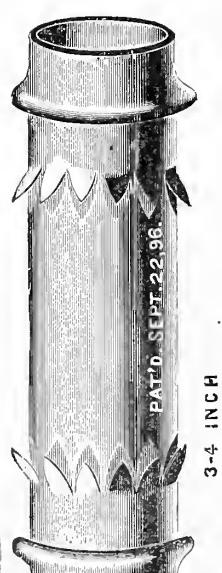
ENGLISH WEEDING FORK



EDGING KNIFE



WIRT'S IRON HOSE REEL



COOPER  
HOSE MENDER

Asparagus Buncher. (Acme). \$3.50.

Asparagus Knives. 60c., 65c. and 75c.

Axes, \$2.50 and \$2.75.

Baskets, Orchid (Wood); 6-in., doz. \$6.50; 8-in., doz. \$8.25; 10-in., doz. \$10.00; 12-in., doz. \$12.00.

Baskets. For gathering leaves, vegetables, etc., 1 bush. size, \$1.25;  $\frac{1}{2}$  bush. size, \$1.00.

Baskets, Splint. With handle;  $\frac{1}{4}$  bush. \$1.50 doz.;  $\frac{1}{2}$  bush. \$1.75 doz.;  $\frac{3}{4}$  bush. \$3.75 doz.; 1 bush. \$5.50 doz.

Baskets, Hanging. Galvanized wire, per doz., 8-in. \$3.25; 9-in. \$3.75; 10-in. \$4.25; 12-in. \$6.00.

Baskets, Rubbish. 3 bush., rope handles, \$4.50 each.

Belows, Woodason's Powder. Large double cone, \$6.50; large single cone, \$3.75; small single cone, \$3.00. Liquid Spraying, small, \$3.75; large, \$4.50; Sulphur Belows, \$3.75.

### BOXES, CARDBOARD, FLOWER

#### Heavy Weight Paper Boxes

Size	Doz.	100	Size	Doz.	100
23x12x5....	\$3.00	\$23.75	30x 9x6....	\$3.40	\$26.25
28x 8x5....	2.65	20.65	30x12x6....	3.65	30.60
30x 9x4....	2.75	21.00	30x14x8....	5.05	40.30
36x 6x5....	3.15	24.00	36x12x6....	4.50	36.75

#### Light Weight Paper Boxes

Size	Doz.	100	Size	Doz.	100
16x4x3....	\$0.85	\$6.95	21x5x3 $\frac{1}{2}$ ....	\$1.20	\$8.90
20x4x3....	.95	7.60	24x5x3 $\frac{1}{2}$ ....	1.44	10.20
18x5x3....	.95	7.80	21x8x4....	1.70	12.60
18x7 $\frac{1}{2}$ x3 $\frac{1}{2}$ .	1.44	10.40	24x8x4....	1.80	13.65

Brooms (Stable or Road). Rattan or cocoa, \$1.50.

Brooms. Upright, corn, 85c.; corn and rattan, \$1.00.

Carnation Supports. (Model). Wire, 2 ring, doz. \$1.00; 100, \$6.50; 3 ring, doz. \$1.25; 100, \$7.00.

Carnation Supports (Richmond).

	Doz.	100	1000
No. 11—29-in., 3 ring double....	\$1.25	\$7.75	\$70.00
No. 11—29-in., 3 ring single.....	1.00	6.50	60.00

Dibbles. Brass point, \$1.00. Iron point, 65c.

Dock Extractors. Heavy, for field use, \$3.50.

Duster. The Dickey, 60c.

Duster. The B. D. Sifter, 75c.

Edging Knives. English, 8-in., \$2.25; 9-in., \$2.50.

Edging Knives. American, \$1.25.

Fruit Picker, Boss. Galvanized wire, 60c.

Forks. Hand weeding, English, \$1.00; digging or spading, 4-pronged, \$2.25; 5-pronged, \$2.75; manure, D handle, 4-tine, \$1.75; 5-tine, \$2.00; manure, long handle, 4-tine, \$1.50; 5-tine, \$1.75; hay, long handle, 2-tine, \$1.25; 3-tine, \$1.60.

Fumigators. Perfection and Eureka. The Perfection is made with vapor tank. The vapor prevents scorching and makes the smoke more effective.

	For Greenhouse	Eureka	For Greenhouse	Perfection
No. 1 ....	10x 20 ft.	\$3.60	12x 40 ft.	\$8.10
No. 2 ....	12x 40 ft.	4.95	15x100 ft.	9.90
No. 3 ....	15x100 ft.	6.30	20x100 ft.	12.60
No. 4 ....	20x100 ft.	9.00	20x150 ft.	15.30

Garden Reels. Iron, small, \$1.25; large, \$1.50. Galvanized, single, \$3.00; double, heavy, \$3.50.

Garden Lines. Solid braided, 96 ft., \$1.50; 144 ft., \$2.25; 192 ft., \$3.00; 240 ft., \$3.75.

Glass Cutters. Diamond, \$4.50 and \$5.50; steel wheel, 25c.

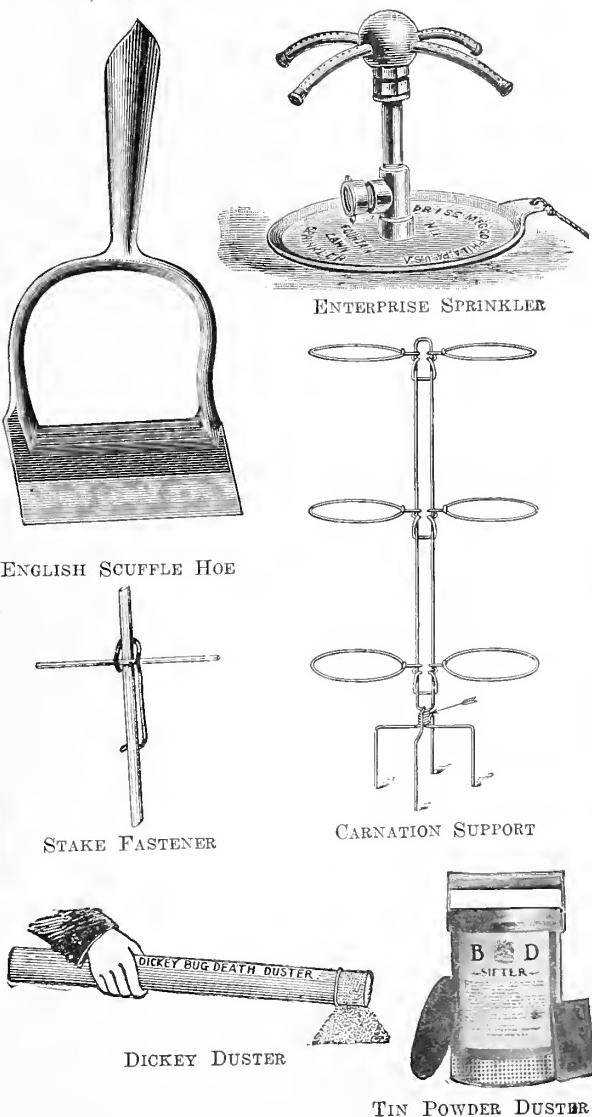
# Garden Tools and Requisites—Continued

(Prices subject to change without notice)

- Glazing Points.** Peerless, per 1000, 80c.
- Grass Hooks (Sickles).** English riveted back, No. 2, \$1.15; No. 3, \$1.25; solid back, \$1.00.
- Grape Protecting Bags.** String and Button Tied. 2 lbs., \$1.00 per 100; \$8.75 per 1000; 3 lbs., \$1.10 per 100; \$9.50 per 1000.
- Grindstones.** No. 2, Auto, 80 lbs., \$9.75; No. 3, Auto, 60 lbs., \$9.00; Sterling, complete with seat and pedals, \$12.50.
- Hammers.** Steel claw, \$1.25.
- Hatchets.** \$1.50.
- Hoes.** Celery, 10-in., \$1.75; 14-in., \$2.25; Grubbing, \$2.75; Weeding, with 4-tooth rake, \$1.00; 6-tooth rake, \$1.15; Half Moon, 3-in., \$1.00; 4-in., \$1.05; 5-in., \$1.10; 6-in., \$1.15; 7-in., \$1.20; 8-in., \$1.25; Warren, \$1.10 and \$1.25; Scuffle, 4-in., \$1.00; 5-in., \$1.15; 6-in., \$1.35; 7-in., \$1.50; 8-in., \$1.60; 9-in., \$1.65; 10-in., \$1.75; Garden, 1-point, 60c.; 2-point, 75c.; Square, garden, 6-in., \$1.00; 7-in., \$1.05; 8-in., \$1.10; Transplanting, \$1.10; Potato, 4-pronged, \$1.50.
- Hose.** (Rubber.)  $\frac{3}{4}$ -in., Flexo, Non-Kinkable, 24c. per ft.;  $\frac{3}{4}$ -in., Revero, 22c. per ft.; Electric,  $\frac{3}{4}$ -in., 24c. per ft.;  $\frac{3}{4}$ -in., 5-ply, Multiplex, 16c. per ft.
- Hose Nozzles.** Boston, copper, coarse or fine, \$1.10; Boss, \$1.00; Gem, 90c.
- Hose Couplings.** Brass,  $\frac{3}{4}$ -in., per pair, 30c.; per doz., \$3.50.
- Hose Menders.**  $\frac{3}{4}$ -in., Iron, \$1.25 doz.; Cooper's, brass, \$1.25 doz.; Hudson, 85c. doz.
- Hose Bands.** Caldwell's, 40c. doz.; Hudson, 20c. doz.
- Hose Washers.** 10c. per doz.
- Hose Reels.** Style "B" No. 10, capacity, 100 ft. of  $\frac{3}{4}$ -in. rubber hose. Price, \$6.50. Style "B" No. 20, capacity, 150 ft. of  $\frac{3}{4}$ -in. rubber hose. Price, \$7.00.
- Hotbed Mats.** (Improved standard.) 40x76, \$3.50 each; per doz., \$35.00. 76x76, \$4.00 each; per doz., \$47.50.
- Straw Mats.** 3x6 ft., \$2.00 each; 6x6 ft., \$3.50 each.
- Hotbed Sash.** Made of best quality cypress. Size, 3 ft.,  $1\frac{1}{2}$  inches wide, 6 feet long.
- Plain,** not glazed or painted. Each, \$5.00.
- Glazed,** painted, puttied glass. Each, \$8.00.
- Packing charges on glazed sash,** 50c. each.
- Knives.** Budding, \$2.00 and \$2.25. Pruning, \$1.50.
- Painted Pot Labels**
- |                       | 100    | 1000   |
|-----------------------|--------|--------|
| 1-inch                | \$0.30 | \$2.00 |
| 4 $\frac{1}{2}$ -inch | .35    | 2.25   |
| 5-inch                | .40    | 2.45   |
| 6-inch                | .50    | 3.00   |
- Painted Garden Labels**
- |         | 100    | 1000   |
|---------|--------|--------|
| 8-inch  | \$1.40 | \$8.50 |
| 10-inch | 1.90   | 11.50  |
| 12-inch | 2.25   | 13.65  |
| 18-inch | 3.50   | 32.50  |
- Lawn Sprinklers, Enterprise.** Best on sled base. No. 1, \$7.00.
- Mattocks.** With handles, pick, pointed, \$2.50; axe, pointed, \$2.50; half mattocks or grub hoes, \$1.50.
- Mole Traps.** Reddick, \$1.50.
- Mole Traps.** Olmstead, \$2.25.
- Paper, Manilla.** For wrapping, 24x36, per lb., 20c.
- Manilla Tissue, per ream, \$3.25.
- White wax, 24x36, per ream, \$4.75.
- Green wax, \$5.75.
- Picks,** \$2.00.
- Pruners, Water's Tree.** 4 ft., \$2.25; 6 ft., \$2.50; 8 ft., \$2.75; 10 ft., \$3.00; 12 ft., \$3.25; 14 ft., \$3.50.
- Dexter Tree Pruner.** \$4.00.
- Little Giant Tree Pruner.** \$2.75, with saw, at \$3.50.
- Rakes.** Gravel, with short teeth for walks and drives-ways, 12 teeth, \$1.15; 14 teeth, \$1.25; 16 teeth, \$1.35; 18 teeth, \$1.45.
- Garden,** 8 teeth, 75c.; 10 teeth, 85c.; 12 teeth, 95c.; 14 teeth, \$1.05; 16 teeth, \$1.15.
- Bow Steel,** 11 teeth, \$1.05; 13 teeth, \$1.15; 15 teeth, \$1.25.

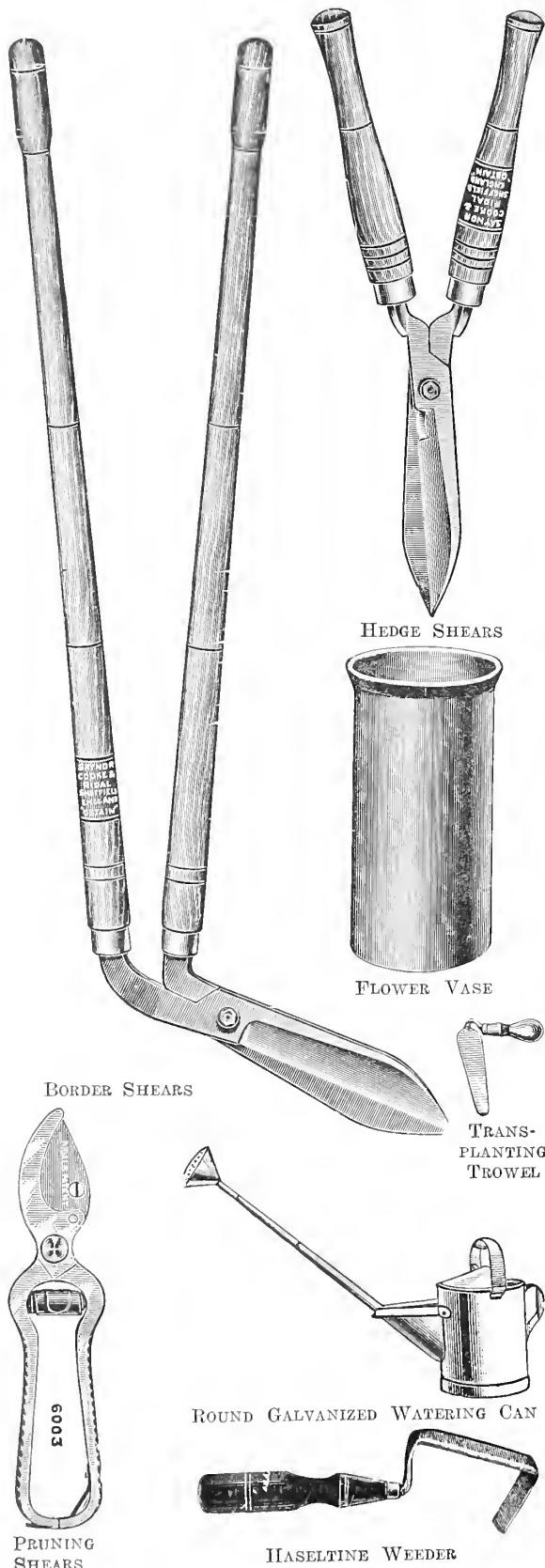
**Lawn Rakes**

- Ole Olsen, 26 teeth, hickory wood, \$1.25.
- Automatic, self-cleaning, 26 teeth, \$1.25; 38 teeth, \$1.75; 52 teeth, \$2.25.
- Ames, No. 37XX, wood, 24 teeth, \$1.50. Ames, No. 30X, 14 teeth, \$1.25.
- Lawn Queen, galvanized steel wire, 24 teeth, \$1.00; 36 teeth, \$1.50.



## Garden Tools and Requisites—Continued

(All prices subject to change without notice)



Saws, Pruning. Single edge, 18-in., \$1.85; 20-in., \$1.95.  
Double edge, 18-in., \$1.35; 20-in., \$1.45.  
Dissott Carpenter, 26-in., \$4.00; 28-in., \$4.60.  
Buck or Wood, \$2.50.  
1-Man Crosscut, 3½-ft. blade, \$4.00.  
2-Man Crosscut, 5-ft. blade, \$6.90.

Scissors. Grape, \$2.00 and \$2.25.  
Flower-gathering, Saynor's, \$1.75.

Screw Drivers. 35c., 45c. and 55c.

Scythes. Riveted back, 34-in., \$3.25; 36-in., \$3.25.

Scythes. Solid back, 32-in., \$2.25, 34-in., \$2.25; 36-in., \$2.25.

Scythe Stones. Each 25c. and 30c.; Talaeere, 40c.

Scythe Snath. Each, \$2.25.

Shears, Grass Border. 8-in., \$4.65; 10-in., \$6.50.

With wheel, 9-in., \$5.00; 10-in., \$7.00.

Hedge. 8-in., \$3.50; 9-in., \$3.75; 10-in., \$4.75.

Sheep, or Grass. \$1.50 and \$1.75.

Lopping. \$4.00, \$5.25, \$6.00, \$7.00 each.

Hand Pruning. \$1.25 to \$3.25; nickelized, 6-in., \$1.75.

Hand Pruning. Wiss, 9-in., \$4.75; 10-in., \$5.00.

Shovels. Ames' extra quality. Square and round pointed, long and short handles, \$2.75 each.

Good quality. Square and round pointed, long and short handles, \$2.25 each.

Sieves. 18-in., \$1.65; 20-in., \$1.75.

Spades. Ames' extra quality, long and short handles, \$2.75 each.

Good quality, long and short handles, \$2.25 each.

Stake Fasteners (Corts). \$2.25 for 500; \$4.00 per 1000.

Stakes, Cane. Japanese, 5 to 6 ft., per 100, \$2.35; 1000, \$20.00; 6 to 8 ft., 100, \$3.25; 1000, \$27.50.

Stakes. Galvanized steel.

### No. 10 Wire, Light

	100	1000	100	1000	
2 ft. long..	\$1.75	\$12.50	4 ft. long..	\$3.75	\$30.00
2½ ft. long..	2.00	15.00	4½ ft. long..	4.00	32.50
3 ft. long..	2.25	16.50	5 ft. long..	4.50	37.50
3½ ft. long..	2.50	18.00	6 ft. long..	4.75	42.50

### Light, Tapering, Round, Painted Green.

	Doz.	100	Doz.	100	
1½ feet .....	\$0.33	\$2.10	3 feet .....	\$1.10	\$7.45
2 feet .....	.55	3.85	3½ feet .....	1.32	9.25
2½ feet .....	.77	5.65	4 feet .....	1.54	11.00
			5 feet .....	2.00	14.50

### Heavy Rose or Dahlia, Round, Painted Green.

	Doz.	100	Doz.	100	
3 feet .....	\$1.65	\$11.85	5 feet .....	\$2.65	\$20.00
3½ feet .....	1.95	13.60	6 feet .....	3.30	24.65
4 feet .....	2.15	15.65			

	100	1000
Hyacinth. 12 inches long.....	\$0.30	\$2.50
18 inches long.....	.40	3.50

### Square Plant Stakes, Painted Green.

	Doz.	100	Doz.	100	
1½ feet .....	\$0.30	\$2.10	3½ feet .....	\$1.30	\$9.00
2 feet .....	.55	3.75	4 feet .....	1.75	12.00
2½ feet .....	.80	5.50	5 feet .....	2.50	18.00
3 feet .....	1.05	7.50	6 feet .....	2.85	20.00

### Plain, Unpainted Dowels.

Length	Diam.	Doz.	100	1000
42 inches .....	¼ in.	\$0.30	\$1.50	\$12.50
42 inches .....	⅜ in.	.30	1.75	13.50
42 inches .....	⅝ in.	.40	2.50	20.00
36 inches .....	¼ in.	.25	1.50	10.00

# Garden Tools and Requisites—Continued

(All prices subject to change without notice)

## THERMOMETERS

	Each
No. 5154—10-inch .....	\$1.25
No. 5410—8-inch .....	1.40
No. 5410—10-inch .....	1.60
No. 5410—12-inch .....	1.75
No. 5420—8-inch .....	1.25
No. 5420—10-inch .....	1.50
No. 5440—8-inch .....	.30
No. 5440—10-inch .....	.40

Maximum and Minimum (self-registering), \$5.50.

Hotbed or Mushroom. Brass point, each, \$2.75.

Torch. For burning caterpillars' nests. Asbestos, 65c.

Trowels. English Steel, 6-in., 75c.; 7-in., 85c.; steel shank, 85c.; Cleves' Angle, 25c., 30c. and 35c.; Transplanting, 70c.

Watering Cans (Wotherspoon's). Galvanized, extra heavy.

	Round	Oval
4 quart .....	\$4.95	
6 quart .....	5.40	\$6.30
8 quart .....	5.85	6.75
10 quart .....	6.30	7.20
12 quart .....	6.95	8.10
16 quart .....	7.65	9.00

4-quart Fern or Low Watering Can, \$3.75.

Extra Roses or Sprays. For Wotherspoon Watering Can, either coarse or fine, 75c. each.

Weeder, Magic. Style A, 5½-inch handle, 25c.; B, 18-inch handle, 40c.; E, 6-inch handle, 65c.; G, 4-foot handle, \$1.25; K, 4-foot handle, \$1.50.

Weeders. Exeelsior, 25c.; Lang's, 25c.; Eureka, 50c.; Mehler's, \$1.25; Haseltine, 60c.

Wheelbarrows. Garden and farm.

No. 2, 1¾-inch tire, \$7.75; No. 4, with 1¾-inch tire, \$8.50; No. 5, 1¾-inch tire, \$9.25; extra for 2¾-inch tire, 50c. each.

Wire, Galvanized.

No.	Per Roll		Per Roll 12 lbs.
	12 lbs.	No.	
16 .....	\$2.25	20 .....	\$2.90
18 .....	2.50	22 .....	3.25
19 .....	2.75	24 .....	3.50

Wire. Cut Bouquet, 12 inches:

No. 20, per box 12 lbs.....	\$3.00
No. 22, per box 12 lbs.....	3.25
No. 24, per box 12 lbs.....	3.50

Extension Ladders (Spring Lock), complete with rope and pulleys.

20 feet in 2 10-foot sections	}
24 feet in 2 12-foot sections	
28 feet in 2 14-foot sections	}
32 feet in 2 16-foot sections	
36 feet in 2 18-foot sections	}
80c. per foot.	
85c. per foot.	

Single Ladders. Made of White Spruce XX, and White Ash rounds.

10-ft., \$6.00; 12-ft., \$7.25; 14-ft., \$8.45; 16-ft., \$9.75; 18-ft., \$12.75; 20-ft., \$14.25.



## KEY DUSTER GUN

When the World War affected the food supply of this Country there was a great impetus given to the Home and Small Garden and it was very promptly noted that no adequate means in a convenient form was available for the easy handling of Insecticides and Fungicides. So, after 2-1/2 years of consistent work the **KEY DUSTER GUN** and Insecticide and Fungicide **CARTRIDGES** were born, which adequately supplies in a convenient form

### The New Quick and Easy Way of Using Insecticides and Fungicides in the Cartridge

Killing many bugs; preventing certain Blights

### No Handling or Mixing of Chemicals and Without the use of Water.

The Gun automatically opens the Cartridge and applies the materials to the foliage.



### Filling the long felt want for HOME GARDEN, SMALL ORCHARD.

Simple and Complete Spraying Calendar packed with each Gun. Price of Gun complete \$3.00  
 Price of Cartridge B. A. for Vegetable and Small Fruit      15 cents each  
 L. A. S. for Fruit      15 "      HELLEBORE (for Fruit and Vegetable when nearly ripe)      20 cents each

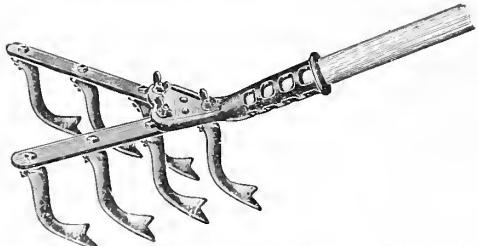
## Garden Tools and Requisites—Continued

(Prices subject to change without notice)

# GILSON GARDEN TOOLS

**T**HE LIBERTY Adjustable Cultivator-Weeder is the ideal tool for all-around garden cultivation—in the city garden or on the truck farm. The special design of the cutting teeth makes quick and thorough work of destroying weeds. The teeth are of unbreakable malleable iron, with sharpened cutting edges. No downward pressure is required. It adjusts to the width of rows; middle tooth removable for straddling rows.

LIBERTY CULTIVATOR



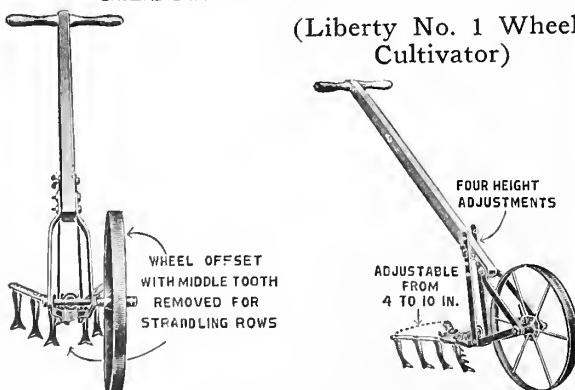
5-Tooth Liberty Hand Cultivator. Adjusts 4 to 7 inches (4½-foot handle) ..... Price \$1.50

7-Tooth Liberty Hand Cultivator. Adjusts 4 to 10 inches (5-foot handle) ..... Price \$1.75

9-Tooth Liberty Hand Cultivator. Adjusts 5 to 14 inches (5-foot handle) ..... Price \$2.00

### GILSON WHEEL OUTFITS

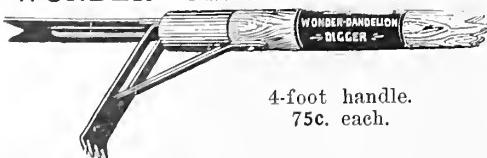
(Liberty No. 1 Wheel Cultivator)



Liberty No. 1 Wheel Cultivator (7-tooth), for general gardening; adjusts 4 to 10 inches; 14-inch wheel. Price \$3.75

Liberty No. 2 Special 9-Tooth Wheel Cultivator for truck gardening; adjusts 5 to 14 inches; 16-inch wheel. Price \$4.25

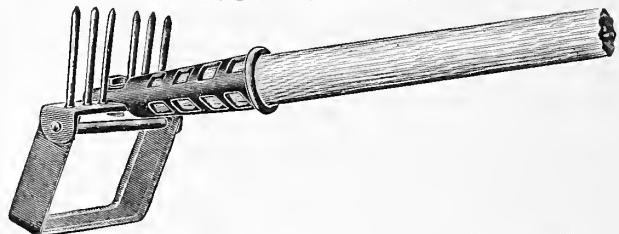
### WONDER DANDELION DIGGER



4-foot handle.  
75c. each.

**T**HE GILSON WEEDER is for close work around bushy plants, as well as general gardening. The double-edged rocker blade cuts both ways beneath the soil surface, destroying weeds and loosening the earth. Every stroke counts, backward and forward. The 6-foot handle permits working in a natural upright position, saving labor and backache. The hand tool is unexcelled for weeding and cultivating under shrubs and flowers.

GILSON WEEDER

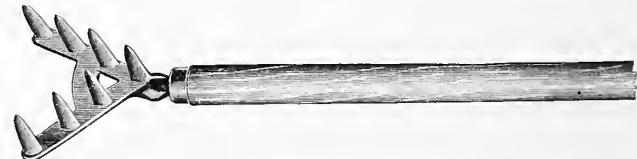


5-in. Blade ..... \$1.25 each.  
6-in. Blade ..... \$1.35 each.

### SCRATCH WEEDERS



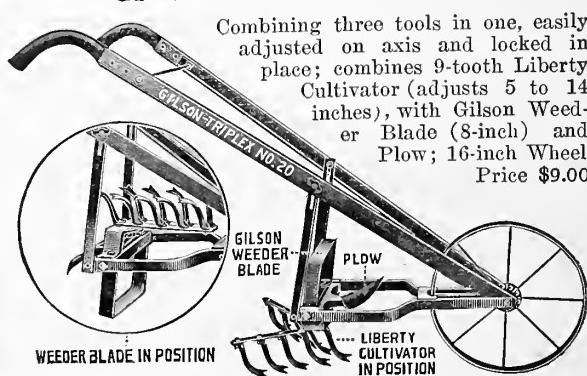
Five-Point Self-Cleaning Scratch Weeder, 6-inch handle ..... Price 25c.



7-Point Scratch Weeder, 14-inch handle ..... 45c.  
7-Point Scratch Weeder, 4-foot handle ..... 85c.

### GILSON TRIPLEX No. 20

Combining three tools in one, easily adjusted on axis and locked in place; combines 9-tooth Liberty Cultivator (adjusts 5 to 14 inches), with Gilson Weeder Blade (8-inch) and Plow; 16-inch Wheel. Price \$9.00

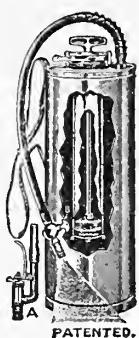
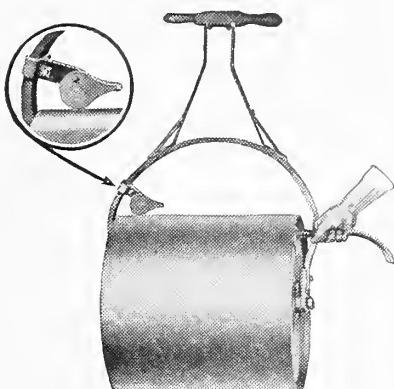


# Garden Tools and Requisites—Continued

(Prices subject to change without notice)



"CENTURY" BARREL SPRAY PUMP

AUTO SPRAY  
SHOWING AUTO-POP  
ATTACHMENT

## WATER BALLAST LAWN ROLLERS

Auto Spray. No. 1A Brass Tank with stop cock, \$11.00.  
 Auto Spray. No. 1B Brass Tank with auto-pop, \$11.50.  
 Auto Spray. No. 1C Galv. Tank with stop cock, \$7.50.  
 Auto Spray. No. 1D Galv. Tank with auto-pop, \$8.00.

**Deming's "Century" Barrel Spray Pump.** An extra powerful pump; complete, with 12½-ft. section of ½-inch hose and nozzle, \$20.50; with barrel and trunnions, \$29.00.

**Perfect Success Bucket Pump.** One of the best. Complete with hose and nozzle, \$7.80. With extra 7 feet



PERFECT SUCCESS BUCKET PUMP



"GARDENER'S CHOICE" SPRAY OUTFIT

"Gardener's Choice" Spray Outfit. A tank on wheels, holds 25 gallons, fitted with pump; complete with hose and nozzle, \$37.50.



## SYRINGES, BRASS

No. 103, 1 stream and 1 spray, 16-in., \$6.00.  
 No. 110, 1 stream and 2 sprays, 16-in., \$7.00.

No.	Sec. tions	Diam.	Width	Weight		Price
				Empty	filled with Water	
603 .....	1	24	24	100	440	\$25.00
604 .....	1	24	32	115	590	27.50
605 .....	2	18	24	100	315	26.50
606 .....	2	24	32	145	570	33.00

## THE "BOSS" HAND LAWN ROLLERS

These rollers are of neat finish, with beveled edges and a smooth surface, very strong and durable. A roller weighing from 200 to 350 pounds can be readily handled by one man. We can supply hand rollers weighing up to 650 pounds and horse rollers weighing from 650 pounds up.

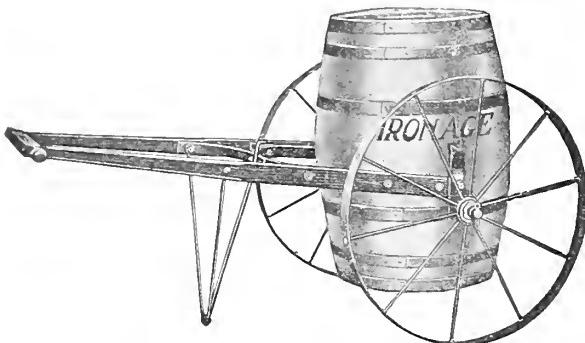
No.	Diam.	Length	Sec.	Lbs.	Prices on application
1.....	15 in.	15 in.	2	150	
2.....	15 in.	22 in.	3	200	
3.....	20 in.	16 in.	2	225	
4.....	20 in.	20 in.	2	250	
5.....	20 in.	20 in.	1	250	
6.....	20 in.	24 in.	3	300	
7.....	20 in.	24 in.	2	300	
8.....	20 in.	30 in.	3	350	

## SUNDRIES

Charcoal (Lump). For use in potting. Bag, \$3.00.  
 Orchid Peat. Selected, per sack, \$3.00.  
 Jersey Peat. Per bbl., \$3.25.  
 Sphagnum Moss (Dry). 5-bbl. bale, \$5.00.  
 Sphagnum Moss (Live). Per bbl., \$3.25.  
 Moss (Green Lump). Per bbl., \$3.00.  
 Moss (Green Sheet). \$3.50 per bale of 5 bundles.  
 Propagating Sand. Per bbl., \$3.00.  
 Raffia. For tying, per lb., 25c.  
 Green Silkaline. Per spool, 40c.; 8 spools, \$3.00.  
 Green Twine. Per lb., \$1.50.  
 Jute Twine. Per ball, 25c.  
 Tar Twine. Per ball, 40c.  
 No. 18 Medium Italian Twine. Per ball, 35c.  
 No. 36 Heavy Italian Twine. Per ball, 30c.  
 Carnation Bands (Rubber). For mending bursted calyx. 30c. per oz.  
 Grafting Wax. ½ lb., 30c.; per lb., 50c.

## Garden Tools and Requisites—Continued

(Prices subject to change without notice)



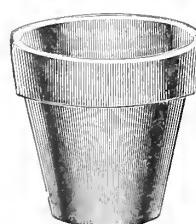
### WATER BARREL AND TRUCK

The prices below include barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack or hand cart box attached.

1½-inch tire truck, all-steel wheels, with barrel..	\$25.00
2½-inch tire truck, all-steel wheels, with barrel..	26.50
3½-inch tire truck, all-steel wheels, with barrel..	28.00
Extra Barrels with trunnions.....	8.00
Hand Cart Box for Truck.....	6.50
Extra trunnions, per pair, \$1.25.	

### STANDARD FLOWER POTS

Full inside measurement—height and width. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.



Sizes	Doz.	100	1000
1¾ in. ....	\$0.16	\$1.23	\$11.25
2 in. ....	.16	1.23	11.25
2¼ in. ....	.18	1.40	12.75
2½ in. ....	.24	1.65	15.00
3 in. ....	.28	2.14	19.50
3½ in. ....	.35	2.64	24.00
4 in. ....	.42	3.30	30.00
4½ in. ....	.59	4.45	40.50
5 in. ....	.78	5.94	54.00
5½ in. ....	.97	7.42	67.50

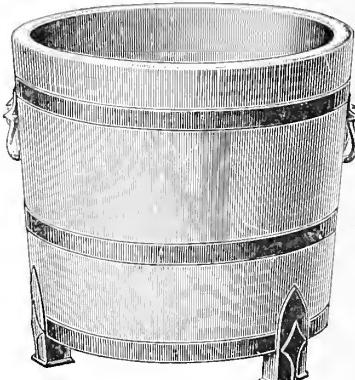
Sizes	Each	Doz.	100
6 in. ....	\$0.10	1.08	81.00
6½ in. ....	.13	1.30	108.00
7 in. ....	.17	1.62	14.85
8 in. ....	.25	2.81	21.45
9 in. ....	.39	4.33	33.00
10 in. ....	.52	5.83	44.55
11 in. ....	.78	8.64	66.00
12 in. ....	1.07	11.88	90.75
14 in. ....	1.75	19.44	148.50

### Square Seed Pans

	Each	Doz.
6 in. x 6 in. ....	\$0.97	\$10.80
8 in. x 8 in. ....	1.30	14.40
10 in. x 10 in. ....	1.64	18.14
12 in. x 12 in. ....	1.95	21.60

### WOOD FIBER SAUCERS

Each	Doz.	Each	Doz.		
5 inches ....	\$0.50	\$5.20	10 inches ...	\$0.75	\$7.80
6 inches ....	.55	5.50	12 inches ...	.80	8.60
7 inches ....	.60	6.00	14 inches ...	1.10	11.20
8 inches ....	.65	6.50	16 inches ...	1.75	19.80
9 inches ....	.70	7.00	18 inches ...	2.10	23.00



CEDAR PLANT TUB

### TREE AND PLANT TUBS

Made of white cedar, painted green and bound with extra iron hoops. Drop handles. Iron feet.

No.	Inside Diam.	Depth Inches	Each
0	24¾ in.	24 .. \$12.50	
1	23¾ in.	22 .. 11.00	
2	21 in.	20 .. 10.00	
3	18⅓ in.	18 .. 8.50	
4	16½ in.	16 .. 7.00	

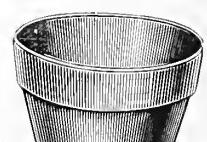
### WATERER'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong electric-welded wire hoops, which do not rust. Handles extra, 15c. per pair. State whether you wish handles.

No.	Inside Diam.	Depth	Each
6	11 inches	10 inches ..	\$1.45
7	12 inches	11 inches ..	1.75
8	13 inches	12 inches ..	2.25
9	14 inches	13 inches ..	2.60
10	15 inches	14 inches ..	2.80
11	16 inches	15 inches ..	3.15
12	17 inches	16 inches ..	3.75
13	18 inches	17 inches ..	4.50
14	19 inches	18 inches ..	5.25

### EARTHEN BULB PANS

Width	Height	Each	Doz.	100
6 in.	3 in.	\$0.10	\$1.08	\$8.91
7 in.	3½ in.	.17	1.62	14.85
8 in.	4 in.	.25	2.81	21.45
9 in.	4½ in.	.39	4.32	33.00
10 in.	5 in.	.52	5.83	44.55
12 in.	6 in.	1.07	11.88	90.75
14 in.	7 in.	1.75	19.44	148.50



BULB OR LILY PAN

### AZALEA, OR LOW EARTHEN POTS

Width	Height	Each	Doz.	100
6 in.	5 in.	.....	\$0.10	\$1.08
7 in.	6 in.	.....	.17	1.62
8 in.	7 in.	.....	.25	2.81
10 in.	8 in.	.....	.52	5.85

### WOOD FIBER FLOWER VASES

No.	Diam. inside	Depth inside	Each
0	8 in.	13 in.	\$2.25
1	5½ in.	10 in.	2.00
2	4½ in.	9 in.	1.80
3	4 in.	6 in.	1.60
4	4 in.	4½ in.	1.35
00	9 in.	21 in.	7.00
11	5 in.	18 in.	2.75
22	4½ in.	15 in.	3.00
33	4 in.	12 in.	2.25
44	3 in.	9 in.	2.00

# Fertilizers for the Farm, Lawn, Garden and Greenhouse

(Prices of Fertilizers subject to change without notice)

**Agricultural Salt.** Used as a top dressing for asparagus beds. Should be applied early in the spring at the rate of 800 to 1000 lbs. per acre. 100 lbs., \$2.00; 200 lbs., \$3.50; \$27.50 per ton.

**Blood (Dried).** 50 lbs., \$5.00; \$9.00 per 100 lbs.

**Bon Arbor No. 1.** Is immediately soluble in cold water, therefore all the properties are available to plant life from the moment of application. It is quick in action, enabling you to see its effects in from three to ten days on any quick-growing plants, vegetables and lawns, and on slower-growing plants in a proportionate time. (1 lb. dissolved in water will make thirty gallons.) 8-oz. can, 30c.; 1 lb., 60c.; 5 lbs., \$2.75.

**Bone Flour.** Ground perfectly fine, an excellent fertilizer for pot plants or beds where an immediate effect is wanted. 100 lbs., \$5.00; 200 lbs., \$9.50.

**Raw Bone Meal (Warranted Pure).** 3 lbs., 25c.; 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.40; 50 lbs., \$2.50; 100 lbs., \$4.50; sack of 200 lbs., \$8.50;  $\frac{1}{2}$  ton, \$40.00; ton, \$77.50.

**Pure Ground Bone.** Sack of 200 lbs., \$8.00;  $\frac{1}{2}$  ton, \$35.50; ton, \$68.50.

**Canada Hardwood Ashes.** Excellent as a lawn dressing; 1000 to 1500 lbs. per acre. Per bbl., \$4.50; ton, \$37.50.

**Cattle or Cow Manure, Shredded.** For garden, lawn and greenhouse, and especially good to mix with compost. 100 lbs., \$3.75; 500 lbs., \$16.50; 1000 lbs., \$31.00; per ton, \$60.00.

**Chrysanthemum Manure (Thomson's SPECIAL).** Entirely soluble and very powerful. Especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. 28-lb. bag, \$4.00; 56-lb. bag, \$7.00.

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28-lb. bag, \$4.50; 56-lb. bag, \$7.50; 112-lb. bag, \$14.00.

**Horn Shavings.** A valuable and rich fertilizer, especially for roses, chrysanthemums, etc. 50 lbs., \$4.00; \$7.50 per 100 lbs.

**Kainit.** Apply at the rate of 1000 lbs. per acre. Should be spread during winter. Price on application.

**Land Plaster.** Apply about 1000 to 1500 lbs. per acre. For a top dressing on sour and worn-out soils, also for mixing with Paris green. 100 lbs., \$1.90; 200 lbs., \$3.50; ton, \$26.50.

**Lime (Hydrated or Powdered).** Promotes growth, gives the grass a rich color. Apply one ton per acre on fields or  $\frac{1}{2}$  ton on lawns. Per 100 lbs., \$1.75; 500 lbs., \$7.50; 1000 lbs., \$13.50; ton, \$25.00.

**Mulford's Culture.** For inoculating clovers and other legumes. When ordering, please state for what crop you desire to use it. Trial size for beans and peas, 35c. Garden size ( $\frac{1}{4}$  acre), 75c.; 1-acre size, \$1.50; 5-acre size, \$5.00.

**Nitrate of Soda.** Apply 200 to 300 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ounces to 1 gallon of water and do not apply oftener than twice a week. 1 lb., 15c.; 75c. per 5 lbs.; 25 lbs., \$2.25; 50-lb. bag, \$4.25; \$8.00 per 100 lbs.

**Humus (Nature's plant food).** An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with  $\frac{1}{2}$  to 2 inches of Humus and spaded in. \$2.75 per 100 lbs.; per 500 lbs., \$12.00; \$18.00 per 1000 lbs.; per ton, \$32.50.

**Poudrette.** Used extensively by market gardeners. An excellent lawn top dressing. Apply 1000 lbs. per acre. 100 lbs., \$2.50; 200 lbs., \$4.00; 1000 lbs., \$17.50; ton, \$34.00.

**Sheep Manure.** In lump or cake form. 100 lbs., \$3.50.

**Sheep Manure, Pulverized.** We recommend this for all purposes where a high-class fertilizer is required. It is gathered from sheep corrals where they have been under cover, hence retaining its fertilizing requisites. For flower or vegetable gardens and as a top dressing for lawns it is unequalled. Also excellent for pot plants. 5 lbs., 45c.; 10 lbs., 80c.; 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.75; 500 lbs., \$16.50; 1000 lbs., \$31.00; ton, \$60.00.

**Sheep Manure (Wizard Brand).** For garden, lawn or greenhouse use. 100 lbs., \$3.75; 500 lbs., \$16.50; 1000 lbs., \$31.00; ton, \$60.00.

**Soot, Scotch.** Genuine imported. An excellent fertilizer for stimulating growth, and giving a rich dark foliage; also an excellent remedy against slugs, grubs and cut-worms when mixed in the surface of the soil. Sack, 112 lbs. Price on application.

**Tobacco Stems.** For fumigating, mulching and fertilizing; an excellent top dressing for lawns in winter. Small bale, \$2.00; large bale, \$3.25; \$16.00 per  $\frac{1}{2}$  ton; per ton, \$30.00.

**Corn and Oats Fertilizer.** This contains the necessary ingredients for increasing the yield of corn and oats. Sack of 200 lbs., \$6.00; ton, \$47.50.

**Truckers Favorite.** A high-grade fertilizer for vegetables. 200 lbs., \$6.50; per ton, \$55.00.

**General Crop Grower.** This is a combination braid of fertilizer containing 1 per cent. ammonia, 8 per cent. phosphoric acid and 1 per cent. potash. Sack of 200 lbs., \$5.25; ton, \$45.00.

**Vine, Plant and Vegetable Manure (THOMSON'S).** A safe and reliable food and stimulant for grape vines and every fruit-bearing plant; also for foliage, flowering plants and vegetables. 56-lb. bag, \$5.75; 112-lb. bag, \$10.50.

If you want a good lawn, sow "Waterer's Special Evergreen Lawn Grass Seed." See page 25.



# Insecticides, Etc.

(Prices subject to change without notice)

(Directions for using any of the following will be found on each package)

**Ant Destroyer.** A powder for destroying ants in lawn, garden or house. \$1.00 per lb.

**Aphine.** The recognized standard insecticide. Not a cure-all, but a specific remedy for all sap-sucking insects infesting plant life, such as green, black, white fly, thrips, red spider, mealy bug and soft scales. \$1.15 per qt.; \$3.25 per gal.

**Arsenate of Lead (Paste).** Unexcelled as a general spray for all leaf-eating pests. 1 lb., 40c.; 5 lbs., \$1.65; 10 lbs., \$3.00.

**Black Leaf 40.** A concentrated solution of nicotine for spraying.  $\frac{1}{2}$  lb., \$1.15; 2 lbs., \$3.50; 10 lbs., \$14.70.

**Bordeaux Mixture (Liquid).** For all fungus diseases, such as mildew and the various rots of the grape; one gallon will make one barrel liquid. 1 gal., \$1.50.

**Bordeaux Mixture (Dry).** For dusting plants affected with mildew and all fungus diseases. Can be used as a spray. 1-lb. box, 55c.; makes 5 gallons spray; 5 lbs., \$2.50.



**Bug Death.** Used instead of Paris green for eating insects on potatoes, cucumbers, squash and currants, etc. 1 lb., 20c.; 3 lbs., 50c.; 5 lbs., 75c.; 12 $\frac{1}{2}$  lbs., \$1.65.

**Copper Solution (Liquid).** For fungus, mildew, leaf blight, rust and black rot. 1 qt., \$1.50; 1 gal., \$3.75.

**Fungine.** An infallible remedy for mildew, rust and bench fungi. Does not stain the foliage. \$1.15 per qt.; \$3.25 per gal.

**Grape Dust.** For the prevention of mildew on roses, grapes, gooseberries, etc. 5-lb. pkg., \$1.00; 10 lbs., \$1.85.

**Hellebore.** For destroying slugs, worms, caterpillars, etc. Lb., 70c.; 5 lbs., \$3.00.

**Imperial Soap Spray.** The base of this spray is a soap containing vegetable poisons and particularly effective against red spider on fruit, the rhododendron fly, and all insects affecting the rose. 1 gal., \$3.00.

**Kerosene Emulsion (Liquid).** For cabbage worm, scale on trees, caterpillar, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. 1 gal., \$2.00.

**Lemon Oil Co.'s Standard Insecticide.** Destroys mealy bugs, scale, thrips, red spider, black and green fly, etc.  $\frac{1}{2}$  pt., 35c.; pt., 60c.; qt., \$1.00;  $\frac{1}{2}$  gal., \$1.75; 1 gal., \$3.00; 5 gals., \$12.00.

**Lime Sulphur Solution.** A perfect seal and fungus destroyer; special for plum and peach trees; cures peach leaf curl. Dilute with 10 parts of water. Gal., \$1.25; 5 gals., \$4.75; 10 gals., \$7.00; bbl. of 50 gals., \$20.00.

**"Mag-O-Tite."** Kills flea beetle, cut worms, cabbage maggot, slugs, onion maggot, wire worms and all underground bugs. Is not injurious to plant life, but a valuable stimulator. Circular upon request. Put Mag-O-Tite in with the seed at the time of planting, and later top dress the soil when plants are up. 2 lbs., 35c.; 4 lbs., 60c.; 8 lbs., \$1.00; 25 lbs., \$2.50; 100 lbs., \$8.50.

**Melrosine.** An excellent remedy against rose bugs and other pests; will not discolor flowers or foliage. Pint, \$1.00; 1 qt., \$1.75;  $\frac{1}{2}$  gal., \$6.00; 5 gals., \$25.00.

**Nicoticide.** For killing all kinds of insects on plants in greenhouses and frames.  $\frac{1}{2}$ -lb. can, \$1.50; 2-lb. can, \$5.00.

**Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms and furnishes the easiest method for fumigation ever devised. Tin boxes of 24 sheets, \$1.35; box of 144 sheets, \$5.50; 288 sheets, \$10.00.

**Nico Fume Liquid.** An effective vaporizing liquid.  $\frac{1}{4}$  lb., 75c.; 1 lb., \$2.25; 4 lbs., \$8.00; 8 lbs., \$15.00.

**Paris Green.** 1 lb., 70c.

**Pyrox.** A combined insecticide and fungicide for all leaf-eating insects. Used largely by potato growers. 1 lb., 50c.; 5 lbs., \$2.00; 10 lbs., \$3.25; 25 lbs., \$6.75; 50 lbs., \$12.00; 100 lbs., \$21.00; 300 lbs., \$60.00.

**Readeana Rose Bug Exterminator.** Dilute and apply as a spray. Harmless to the most delicate plant. 8 oz., 50c.; 24 oz., \$1.00; per gal., \$4.00.

**Scale Destroyer.** Especially prepared for the destruction of the San Jose Scale. 1 gal., \$1.75; 5 gals., \$7.00.

**Slug Shot (Hammond's).** One of the cheapest and best powders for destroying insects. 5 lbs., 60c.; 10 lbs., \$1.15; 25 lbs., \$2.75.

**Sulphur, Powdered.** For mildew. Lb., 10c.; 5 lbs., 45c.; 10 lbs., 85c.; 25 lbs., \$2.00; 50 lbs., \$4.00; 100 lbs., \$7.80.

**Tobacco Dust (Stoothoff's).** For burning or dusting; state which is wanted. 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.25.

**Tobacco Stems.** Small bale, \$2.00; large bale, \$3.25.

**Tobacco Soap.** For destroying insects, parasites and their eggs infesting either plants or animals. Pkg., 25c.

**Tree Tanglefoot.** A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One lb. will make a band 7 to 8 feet long. 1-lb. can, 50c.; 3 lbs., \$1.45; 5 lbs., \$2.40.

**Vermine.** A soil sterilizer and germicide. Destroys eel, cut, wire and grub worms, maggots, root lice and ants. Used one part to 400 parts water, it does not injure plants, but protects your crops against ravages under the soil. Qt., \$1.10; gal., \$3.25.

**Weed Killer.** For the destruction of weeds and grass on roadways, paths, gutters and places where no growth is wanted. One gallon diluted usually covers 500 to 1000 square feet. One gallon makes 40 gallons treating liquid. Gal., \$1.75; \$7.00 per 5 gals.; \$49.50 for 50-gal. bbl.

**Fish Oil Soap (Good's Caustic Soft Soap).** 2 lbs., 60c.; \$1.40 per 5 lbs.; 25 lbs., \$5.00.

**Worm Eradicator, Radix.** Destroys worms in greenhouse benches and in potted plants or for outdoor use. 1-lb. can, 85c.



# HOSEA WATERER, Seedsman, 107-109 South Seventh St., PHILADELPHIA, PA.

Send by .....  
State if wanted by MAIL, BOAT, EXPRESS, FREIGHT or BAGGAGE MASTER

To (Name) .....

Post Office .....

Station .....

County .....

State .....

Date of Receipt  
Notified of Shipment

Packed by .....

Shipped Via .....

Pkgs..... Boxes .....

Bags..... Baskets .....

Bbls..... Bdls.....

Date ..... 19 .....

QUANTITY

ARTICLES

PRICE



## HOSEA WATERER

107-109 S. Seventh Street

Philadelphia, Pa.



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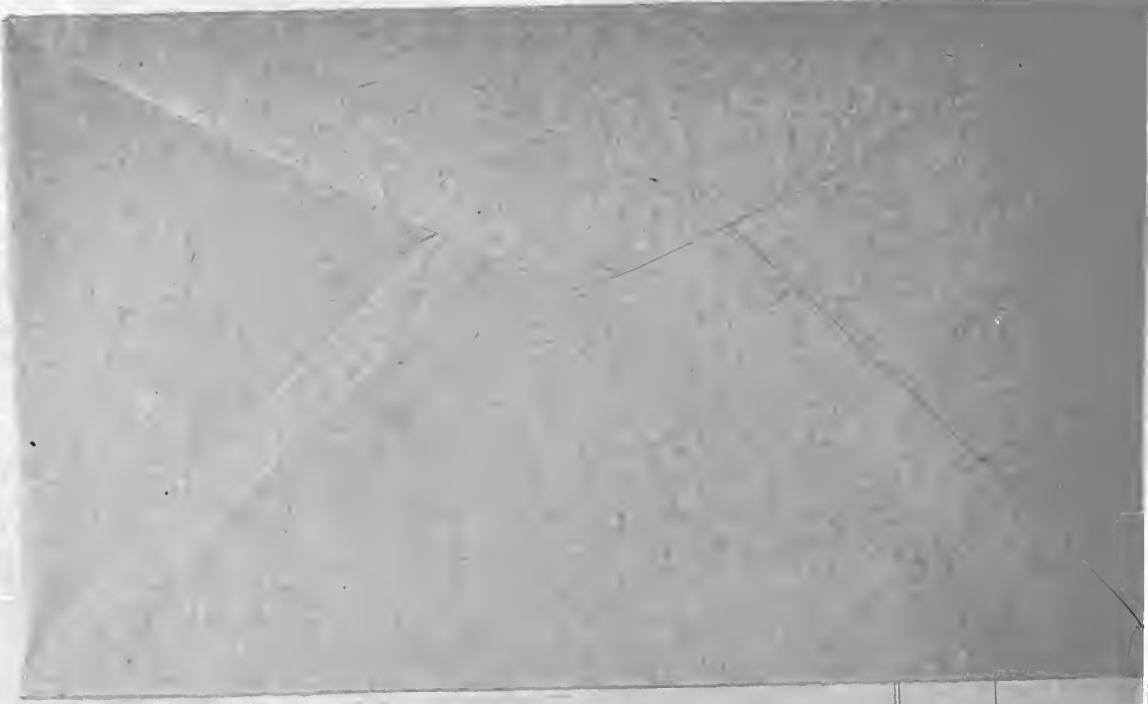
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# Reference Table

	No. lbs. to bu.	Quantity per acre	No. lbs. to bu.	Quantity per acre
Asparagus, 1 oz. to 50 feet of drill.....	4 to 5 lbs.	Oats, broadcast.....	32 lbs.	2½ to 3 bu.
Asparagus Roots.....	7,250	Onion Seed, 1 oz. to 100 feet of drill .....	.....	5 to 6 lbs.
Barley, broadcast.....	48 lbs.	Onion Seed, for sets.....	.....	50 lbs.
Beans, Dwarf, 2 lbs. to 100 feet.....	60 lbs.	Onion Sets, 1 lb. to 50 feet of drill .....	32 lbs.	8 bu.
Beans, Pole, 2 lbs. to 100 hills.....	60 lbs.	Parsnip, 1 oz. to 100 feet of drill.....	.....	5 to 6 lbs.
Beans, Soja, drilled.....	60 lbs.	Parsnip, 1 oz. to 100 feet of drill.....	.....	5 to 6 lbs.
Beans, Soja, broadcast.....	40 lbs.	Peas, Garden, Smooth, 2 lbs. to 100 feet of drill.....	60 lbs.	1½ bu.
Beets, Garden, 1 oz. to 50 feet.....	5 to 6 lbs.	Peas, Garden, Wrinkled, 2 lbs. to 100 feet of drill.....	56 lbs.	2 bu.
Beet, Mangold, 1 oz. to 50 feet.....	6 lbs.	Peas, Field or Canada, broadcast.....	60 lbs.	1½ to 2 bu.
Broom Corn.....	10 lbs.	Potatoes, cut tubers, in drills.....	60 lbs.	10 bu.
Buckwheat, broadcast.....	1 bu.	Pumpkin, 4 oz. to 100 hills.....	.....	4 lbs.
Cane Seed, for fodder.....	75 lbs.	Radish, 1 oz. to 100 feet of drill.....	.....	10 lbs.
Carrot, 1 oz. to 100 feet of drill.....	3 to 4 lbs.	Rape, broadcast.....	50 lbs.	10 lbs.
Clover, Alsike and White.....	60 lbs.	Rye, broadcast.....	56 lbs.	1½ bu.
Clover, Alfalfa or Lucerne.....	20 to 25 lbs.	Sage, in drills.....	.....	5 lbs.
Clover, Crimson or Scarlet.....	20 lbs.	Salsify, 1 oz. to 50 feet of drill.....	.....	8 lbs.
Clover, Mammoth Red, Medium Red.....	12 lbs.	Sorghum.....	50 lbs.	12 lbs.
Corn, in hills, field, shelled.....	56 lbs.	Spinach, in drills, 1 oz. to 100 feet	40 lbs.	12 lbs.
Corn, field, on the ear.....	8 qts.	Sunflower .....	.....	8 lbs.
Corn, for fodder or soiling.....	2½ bu.	Squash, Bush, 1 oz. to 25 hills.....	.....	4 to 6 lbs.
Corn, Sweet, sold by measured bush- els, 1 lb. to 100 hills.....	10 lbs.	Squash, Running Varieties.....	.....	3 to 4 lbs.
Corn, Rice Pop Corn (shelled).....	4 lbs.	Turnip, 1 oz. to 100 feet of drill.....	.....	2 lbs.
Corn Salad, 3 oz. to 100 feet.....	6 lbs.	Turnip, broadcast.....	.....	2½ lbs.
Cow Peas, in drills.....	1 bu.	Vetches, broadcast.....	60 lbs.	1½ to 2 bu.
Cow Peas, broadcast.....	2 bu.	Wheat, broadcast.....	60 lbs.	2 bu.
Cress, 1 oz. to 100 feet of drill.....	12 lbs.	Wheat, in drills.....	60 lbs.	1 bu.
Cucumber, 1 oz. to 50 hills.....	2 lbs.			
Dill, ½ of oz. to 100 feet of drill.....	5 lbs.			
Endive, 1 oz. to 100 feet.....	5 lbs.			
Flaxseed, broadcast.....	56 lbs.			
Grass, Kentucky Blue.....	1½ bu.			
Grass, Canadian Blue.....	14 lbs.			
Grass, Lawn.....	3 bu.			
Grass, Red Top fancy recleaned.....	30 lbs.			
Grass, Red Top fancy recleaned.....	32 lbs.			
Grass, Timothy.....	25 lbs.			
Grass, Orchard.....	45 lbs.			
Grasses, Perennial Rye, Italian Rye, Wood Meadow.....	14 lbs.			
Grass, Rhode Island Bent.....	50 to 60 lbs.			
Horse Radish Roots.....	50 to 60 lbs.			
Kale, 1 oz. to 100 feet of drill.....	10,000-15,000			
Kohl Rabi, 1 oz. to 100 feet.....	50 lbs.			
Leek, 1 oz. to 100 feet of drill.....	5 lbs.			
Lettuce, 1 oz. to 100 feet of drill.....	4 lbs.			
Melon, Musk, 2 oz. to 100 hills.....	4 lbs.			
Melon, Water, 4 oz. to 100 hills.....	3 lbs.			
Millet, Golden.....	2 to 3 lbs.			
Millet, Hungarian.....	4 to 5 lbs.			
Mustard, oz. to 75 feet of drill.....	50 lbs.			
Nasturtium, 4 oz. to 100 feet.....	15 lbs.			
Okra, 2 oz. to 100 feet of drill.....	8 lbs.			

## Number of Plants to the Acre

Distance Apart	No. of Plants
1 foot by 1 foot.....	43,560
1½ feet by 1½ feet.....	19,360
2 feet by 1 foot.....	21,780
2 feet by 2 feet.....	10,890
2½ feet by 2½ feet.....	6,969
3 feet by 2 feet.....	7,260
3 feet by 3 feet.....	4,840
4 feet by 4 feet.....	2,722
5 feet by 4 feet.....	2,178
5 feet by 5 feet.....	1,742
6 feet by 6 feet.....	1,210
8 feet by 8 feet.....	680
10 feet by 10 feet.....	435
12 feet by 12 feet.....	302
15 feet by 15 feet.....	193
18 feet by 18 feet.....	134
20 feet by 20 feet.....	109
25 feet by 25 feet.....	70
30 feet by 30 feet.....	48

## "NORCROSS" CULTIVATOR-HOES AND WEEDERS

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled.

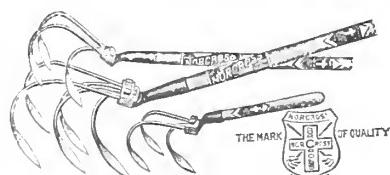
The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil, from one to five inches deep, as required.

Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout.

Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

### Three Sizes and Prices

5-prong, 4-ft. handle, wt. 3 lbs.....	\$1.25
3-prong, 4-ft. handle, wt. 2 lbs.....	1.00
"Midget," 9-in. handle, wt. 12 ounces.....	.50



# HOSEA WATERER'S SEED CATALOGUE



1921

HOSEA WATERER  
SEEDSMAN AND BULB IMPORTER  
107-109 SOUTH SEVENTH STREET  
PHILADELPHIA